

=> e gicquel brigitte/au

```
E1      2      GICQUEL BRIGETTE/AU
E2      1      GICQUEL BRIGITE/AU
E3     294 ---> GICQUEL BRIGITTE/AU
E4      2      GICQUEL BRIGITTE M E/AU
E5      1      GICQUEL BRITTE/AU
E6     12      GICQUEL BRUNEAU M/AU
E7      7      GICQUEL BRUNEAU MIREILLE/AU
E8     205      GICQUEL C/AU
E9      6      GICQUEL CATHERINE/AU
E10     69      GICQUEL CHRISTINE/AU
E11     1      GICQUEL CLEMENT/AU
E12     3      GICQUEL D/AU
```

=> s e1-e5 and mycobact?

```
L1     295 ("GICQUEL BRIGETTE"/AU OR "GICQUEL BRIGITE"/AU OR "GICQUEL BRIGI
      TTE"/AU OR "GICQUEL BRIGITTE M E"/AU OR "GICQUEL BRITTE"/AU)
      AND MYCOBACT?
```

=> s l1 and tuberculosis

```
L2     223 L1 AND TUBERCULOSIS
```

=> s l2 and mutT

```
L3      6 L2 AND MUTT
```

=> dup rem l3

PROCESSING COMPLETED FOR L3

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L4      4 DUP REM L3 (2 DUPLICATES REMOVED)
```

=> d bib ab 1-

YOU HAVE REQUESTED DATA FROM 4 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 4 USPATFULL on STN

AN 2005:30785 USPATFULL

TI Compositions and methods for detecting multidrug resistant strains of M.
tuberculosis having mutations in genes of the **mutT**
family

IN **Gicquel, Brigitte**, Paris, FRANCE

PI US 2005026216 A1 20050203

AI US 2004-777131 A1 20040213 (10)

RLI Continuation of Ser. No. WO 2002-EP9679, filed on 14 Aug 2002, UNKNOWN

PRAI US 2001-311824P 20010814 (60)

US 2001-313523P 20010821 (60)

DT Utility

FS APPLICATION

LREP Finnegan, Henderson, Farabow,, Garrett & Dunner, L.L.P., 1300 I Street,
N.W., Washington, DC, 20005-3315

CLMN Number of Claims: 45

ECL Exemplary Claim: 1

DRWN 15 Drawing Page(s)

LN.CNT 1775

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention pertains to polynucleotides derived from M.
tuberculosis genes imparting resistance to antibiotics and
chemically related compounds. This invention also relates to the use of
the polynucleotides as oligonucleotide primers or probes for detecting
M. **tuberculosis** strains that are resistant to antibiotics and
related compounds in a biological sample. Kits containing the primers
and probes are also provided.

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:154632 CAPLUS

DN 138:203088

TI Compositions and methods for detecting multidrug resistant strains of M.
tuberculosis having mutations in genes of the **mutT**
family

IN **Gicquel, Brigitte**

PA Institut Pasteur, Fr.

SO PCT Int. Appl., 83 pp.

CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003016562	A2	20030227	WO 2002-EP9679	20020814
	WO 2003016562	A3	20040129		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003129619	A1	20030710	US 2002-216817	20020813
	EP 1417348	A2	20040512	EP 2002-772233	20020814
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
	US 2005026216	A1	20050203	US 2004-777131	20040213
PRAI	US 2001-311824P	P	20010814		
	US 2001-313523P	P	20010821		
	WO 2002-EP9679	W	20020814		

AB The present invention pertains to polynucleotides derived from M. tuberculosis genes imparting resistance to antibiotics and chemical related compds. This invention also relates to the use of the polynucleotides as oligonucleotide primers or probes for detecting M. tuberculosis strains that are resistant to antibiotics and related compds. in a biol. sample. Accordingly, this invention provides a method for predicting the epidemic character of a Mycobacterium tuberculosis isolate and/or the acquisition of multiple drug resistance (MDR) by the isolate, wherein the method comprises detecting an alteration in the DNA repair system of the isolate. In one embodiment the isolate contains a mutation in one or more mutT locus, and in particular a mutation at one or more mutT family member selected from the Rv3908 locus, the mutT2 locus, and the ogt locus. In another embodiment, the isolate consists essentially of a Beijing Mycobacterium tuberculosis strain. In further embodiments any of the above isolates can also contain a mutation in at least one locus selected from the group consisting of rpoB, rrs, or rpsL. To further investigate the correlation between mutations in mutT loci and the epidemic character of M. tuberculosis isolates, mut genes in 170 M. tuberculosis complex isolates from 38 different countries, including strains responsible for tuberculosis outbreaks, in particular, Beijing isolates, were analyzed. In addition, M. tuberculosis sequences similar to alkA and ogt sequence of E coli were also investigated. Kits containing the primers and probes are also provided.

L4 ANSWER 3 OF 4 USPATFULL on STN
AN 2003:187829 USPATFULL
TI Compositions and methods for detecting multidrug resistant strains of M. tuberculosis having mutations in genes of the mutT family
IN Gicquel, Brigitte, Paris, FRANCE
PI US 2003129619 A1 20030710
AI US 2002-216817 A1 20020813 (10)
PRAI US 2001-311824P 20010814 (60)
US 2001-313523P 20010821 (60)
DT Utility
FS APPLICATION
LREP FINNEGAN, HENDERSON, FARABOW, GARRETT &, DUNNER LLP, 1300 I STREET, NW, WASHINGTON, DC, 20006
CLMN Number of Claims: 45
ECL Exemplary Claim: 1
DRWN 15 Drawing Page(s)

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention pertains to polynucleotides derived from M. **tuberculosis** genes imparting resistance to antibiotics and chemically related compounds. This invention also relates to the use of the polynucleotides as oligonucleotide primers or probes for detecting M. **tuberculosis** strains that are resistant to antibiotics and related compounds in a biological sample. Kits containing the primers and probes are also provided.

L4 ANSWER 4 OF 4 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
DUPLICATE 1

AN 2003:427031 BIOSIS

DN PREV200300427031

TI Mutations in putative mutator genes of **Mycobacterium tuberculosis** strains of the W-Beijing family.

AU Rad, Mina Ebrahimi; Bifani, Pablo; Martin, Carlos; Kremer, Kristin; Samper, Sofia; Rauzier, Jean; Kreiswirth, Barry; Blazquez, Jesus; Jouan, Marc; Van Soolingen, Dick; Gicquel, Brigitte [Reprint Author]

CS Unite de Genetique Mycobacterienne, Institut Pasteur, 28 rue du Dr. Roux, 75015, Paris, France
bgicquel@pasteur.fr

SO Emerging Infectious Diseases, (July 2003) Vol. 9, No. 7, pp. 838-845.
print.
ISSN: 1080-6040.

DT Article

LA English

ED Entered STN: 17 Sep 2003

Last Updated on STN: 17 Sep 2003

AB Alterations in genes involved in the repair of DNA mutations (mut genes) result in an increased mutation frequency and better adaptability of the bacterium to stressful conditions. W-Beijing genotype strains displayed unique missense alterations in three putative mut genes, including two of the **mutT** type (Rv3908 and **mutT2**) and **ogt**. These polymorphisms were found to be characteristic and unique to W-Beijing phylogenetic lineage. Analysis of the mut genes in 55 representative W-Beijing isolates suggests a sequential acquisition of the mutations, elucidating a plausible pathway of the molecular evolution of this clonal family. The acquisition of mut genes may explain in part the ability of the isolates of W-Beijing type to rapidly adapt to their environment.

=> s tuberculosis and mutT

L5 77 TUBERCULOSIS AND MUTT

=> dup rem l5

PROCESSING COMPLETED FOR L5

L6 73 DUP REM L5 (4 DUPLICATES REMOVED)

=> s l6 and mutat?

L7 70 L6 AND MUTAT?

=> d bib 1-

YOU HAVE REQUESTED DATA FROM 70 ANSWERS - CONTINUE? Y/(N):y

L7 ANSWER 1 OF 70 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

AN 2003:427031 BIOSIS

DN PREV200300427031

TI Mutations in putative mutator genes of **Mycobacterium tuberculosis** strains of the W-Beijing family.

AU Rad, Mina Ebrahimi; Bifani, Pablo; Martin, Carlos; Kremer, Kristin; Samper, Sofia; Rauzier, Jean; Kreiswirth, Barry; Blazquez, Jesus; Jouan, Marc; Van Soolingen, Dick; Gicquel, Brigitte [Reprint Author]

CS Unite de Genetique Mycobacterienne, Institut Pasteur, 28 rue du Dr. Roux, 75015, Paris, France
bgicquel@pasteur.fr

SO Emerging Infectious Diseases, (July 2003) Vol. 9, No. 7, pp. 838-845.
print.
ISSN: 1080-6040.

DT Article
LA English
ED Entered STN: 17 Sep 2003
Last Updated on STN: 17 Sep 2003

L7 ANSWER 2 OF 70 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:154632 CAPLUS
DN 138:203088
TI Compositions and methods for detecting multidrug resistant strains of M.
tuberculosis having mutations in genes of the
mutT family
IN Gicquel, Brigitte
PA Institut Pasteur, Fr.
SO PCT Int. Appl., 83 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003016562	A2	20030227	WO 2002-EP9679	20020814
	WO 2003016562	A3	20040129		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003129619	A1	20030710	US 2002-216817	20020813
	EP 1417348	A2	20040512	EP 2002-772233	20020814
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
	US 2005026216	A1	20050203	US 2004-777131	20040213
PRAI	US 2001-311824P	P	20010814		
	US 2001-313523P	P	20010821		
	WO 2002-EP9679	W	20020814		

L7 ANSWER 3 OF 70 USPATFULL on STN
AN 2005:283230 USPATFULL
TI Corynebacterium glutamicum genes encoding novel proteins
IN Pompejus, Markus, Freinsheim, GERMANY, FEDERAL REPUBLIC OF
Kroger, Burkhard, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
Schroder, Hartwig, Nussloch, GERMANY, FEDERAL REPUBLIC OF
Zelder, Oskar, Speyer, GERMANY, FEDERAL REPUBLIC OF
Haberhauer, Gregor, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
PA BASF Aktiengesellschaft, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF
(non-U.S. corporation)
PI US 6962989 B1 20051108
AI US 2000-605703 20000627 (9)
PRAI US 1999-152318P 19990903 (60)
US 1999-142764P 19990708 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Moran, Marjorie
LREP Lahive & Cockfield, LLP, Hanley, Elizabeth A., Laccotripe Zacharakis, Maria
CLMN Number of Claims: 5
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 16658

L7 ANSWER 4 OF 70 USPATFULL on STN
AN 2005:280984 USPATFULL
TI Corynebacterium glutamicum genes encoding proteins involved in membrane
synthesis and membrane transport

IN Pompejus, Markus, Freinsheim, GERMANY, FEDERAL REPUBLIC OF
Kroger, Burkhard, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
Schroder, Hartwig, Nussloch, GERMANY, FEDERAL REPUBLIC OF
Zelder, Oskar; Speyer, GERMANY, FEDERAL REPUBLIC OF
Haberhauer, Gregor, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
PA BASF AG, Ludwigshafen, DE, UNITED STATES (non-U.S. corporation)
PI US 2005244935 A1 20051103
AI US 2005-82389 A1 20050316 (11)
RLI Continuation of Ser. No. US 2000-603024, filed on 23 Jun 2000, PENDING
PRAI DE 1999-19930487 19990701
DE 1999-19930489 19990701
DE 1999-19931549 19990708
DE 1999-19931550 19990708
DE 1999-19932134 19990709
DE 1999-19941379 19990831
DE 1999-19942088 19990903
DE 1999-19942097 19990903
US 1999-141031P 19990625 (60)
US 1999-143262P 19990709 (60)
US 1999-151281P 19990827 (60)
DT Utility
FS APPLICATION
LREP LAHIVE & COCKFIELD, LLP., 28 STATE STREET, BOSTON, MA, 02109, US
CLMN Number of Claims: 22
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 11811

L7 ANSWER 5 OF 70 USPATFULL on STN
AN 2005:250255 USPATFULL
TI Methods and compositions for inhibition of membrane fusion-associated
events, including HIV transmission
IN Barney, Shawn O'Lin, Cary, NC, UNITED STATES
Lambert, Dennis Michael, Cary, NC, UNITED STATES
Petteway, Stephen Robert, Cary, NC, UNITED STATES
PA Trimeris, Inc., Durham, NC, UNITED STATES (U.S. corporation)
PI US 6951717 B1 20051004
AI US 1995-484741 19950607 (8)
RLI Division of Ser. No. US 1995-470896, filed on 6 Jun 1995, PENDING
Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994,
Pat. No. US 6017536 Continuation-in-part of Ser. No. US 1994-255208,
filed on 7 Jun 1994, PENDING Continuation-in-part of Ser. No. US
1993-73028, filed on 7 Jun 1993, Pat. No. US 5464933
DT Utility
FS GRANTED
EXNAM Primary Examiner: Scheiner, Laurie; Assistant Examiner: Parkin, Jeffrey
S.
LREP Pennie & Edmonds LLP
CLMN Number of Claims: 50
ECL Exemplary Claim: 1
DRWN 94 Drawing Figure(s); 93 Drawing Page(s)
LN.CNT 43743
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 70 USPATFULL on STN
AN 2005:220997 USPATFULL
TI Corynebacterium glutamicum genes encoding proteins involved in
homeostasis and adaptation
IN Pompejus, Markus, Waldsee, GERMANY, FEDERAL REPUBLIC OF
Kroger, Burkhard, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
Schroder, Hartwig, Nussloch, GERMANY, FEDERAL REPUBLIC OF
Zelder, Oskar, Speyer, GERMANY, FEDERAL REPUBLIC OF
Haberhauer, Gregor, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
PA BASF Aktiengesellschaft, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF,
D-67056 (non-U.S. corporation)
PI US 2005191732 A1 20050901
AI US 2003-721922 A1 20031124 (10)
RLI Continuation of Ser. No. US 2000-603124, filed on 23 Jun 2000, ABANDONED
PRAI DE 1999-19931418 19990708

DE 1999-19932124	19990709
DE 1999-19932126	19990709
DE 1999-19932127	19990709
DE 1999-19932133	19990709
DE 1999-19932207	19990709
DE 1999-19932208	19990709
DE 1999-19932225	19990709
DE 1999-19932229	19990709
DE 1999-19932914	19990709
DE 1999-19933006	19990709
DE 1999-19940765	19990827
DE 1999-19940768	19990827
DE 1999-19940831	19990827
DE 1999-19940832	19990827
DE 1999-19941385	19990831
DE 1999-19941396	19990831
DE 1999-19942087	19990903
US 1999-141031P	19990625 (60)
US 1999-143694P	19990714 (60)
US 1999-151778P	19990831 (60)

DT Utility
FS APPLICATION
LREP LAHIVE & COCKFIELD, LLP., 28 STATE STREET, BOSTON, MA, 02109, US
CLMN Number of Claims: 38
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 6552
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 70 USPATFULL on STN
AN 2005:220892 USPATFULL
TI Enzymes
IN Yang, Junming, San Jose, CA, UNITED STATES
Dyung Lu, Aina M., San Jose, CA, UNITED STATES
Yue, Henry, Sunnyvale, CA, UNITED STATES
Elliott, Vicki S., San Jose, CA, UNITED STATES
Warren, Bridget A., Encinitas, CA, UNITED STATES
Duggan, Brendan M., Sunnyvale, CA, UNITED STATES
Forsythe, Ian J., Redwood City, CA, UNITED STATES
Lee, Ernestine A., Castro Valley, CA, UNITED STATES
Hafalia, April J.A., Santa Clara, CA, UNITED STATES
Ramkumar, Jayalaxmi, Fremont, CA, UNITED STATES
Chawla, Narinder K., Union City, CA, UNITED STATES
Baughn, Mariah R., San Leandro, CA, UNITED STATES
Becha, Shanya D., Castro Valley, CA, UNITED STATES
Gorvad, Ann E., Livermore, CA, UNITED STATES
Tran, Uyen K., San Jose, CA, UNITED STATES
Li, Joana X., San Francisco, CA, UNITED STATES
Yao, Monique G., Carmel, IN, UNITED STATES
Ison, Craig H., San Jose, CA, UNITED STATES
Griffin, Jennifer A., Fremont, CA, UNITED STATES
Lee, Soo Yeun, Daly City, CA, UNITED STATES
Chang, Hsin-Ru, Belmont, CA, UNITED STATES
Emerling, Brooke M., Palo Alto, CA, UNITED STATES
Tang, Tom Y., San Jose, CA, UNITED STATES
Lal, Preeti G., Santa Clara, CA, UNITED STATES
Kable, Amy E., San Francisco, CA, UNITED STATES
Marquis, Joseph P., San Jose, CA, UNITED STATES
Jiang, Xin, Saratoga, CA, UNITED STATES
Jackson, Alan A., Los Gatos, CA, UNITED STATES
Zebarjadian, Yeganeh, San Francisco, CA, UNITED STATES
Swarnakar, Anita, San Francisco, CA, UNITED STATES
Wilson, Amy D., Belmont, CA, UNITED STATES
Jin, Pei, Palo Alto, CA, UNITED STATES
Richardson, Thomas W., Redwood City, CA, UNITED STATES
Bhatia, Umesh, San Jose, CA, UNITED STATES
Burrill, John D., Redwood City, CA, UNITED STATES
Lee, Sally, San Francisco, CA, UNITED STATES
Blake, Julie J., San Francisco, CA, UNITED STATES

Ho, Anne, Sunnyvale, CA, UNITED STATES
 Zheng, Wenjin, Mountain View, CA, UNITED STATES
 Gao, Jin, Sunnyvale, CA, UNITED STATES
 PA Incyte Corporation, Palo Alto, CA, UNITED STATES, 94304 (U.S. corporation)
 PI US 2005191627 A1 20050901
 AI US 2003-491183 A1 20020926 (10)
 WO 2002-US31096 20020926
 20040329 PCT 371 date
 PRAI US 2003-326388P 20010928 (60)
 US 2003-328979P 20011012 (60)
 US 2003-346034P 20011019 (60)
 US 2003-348284P 20011026 (60)
 US 2003-338048P 20011108 (60)
 US 2003-332340P 20011116 (60)
 US 2003-368799P 20020329 (60)
 US 2003-368722P 20020329 (60)
 US 2003-381588P 20020517 (60)
 US 2003-387119P 20020607 (60)
 US 2003-390662P 20020621 (60)
 DT Utility
 FS APPLICATION
 LREP INCYTE CORPORATION, EXPERIMENTAL STATION, ROUTE 141 & HENRY CLAY ROAD, BLDG. E336, WILMINGTON, DE, 19880, US
 CLMN Number of Claims: 30
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 19139
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7 ANSWER 8 OF 70 USPATFULL on STN
 AN 2005:177322 USPATFULL
 TI Corynebacterium glutamicum genes encoding regulatory proteins
 IN Pompejus, Markus, Waldsee, GERMANY, FEDERAL REPUBLIC OF
 Kroger, Burkhard, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
 Schroder, Hartwig, Nubloch, GERMANY, FEDERAL REPUBLIC OF
 Zelder, Oskar, Speyer, GERMANY, FEDERAL REPUBLIC OF
 Haberhauer, Gregor, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
 PA BASF AG, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)
 PI US 2005153402 A1 20050714
 AI US 2004-6098 A1 20041206 (11)
 RLI Continuation of Ser. No. US 2000-602874, filed on 23 Jun 2000, ABANDONED
 PRAI DE 1999-19930476 19990701
 DE 1999-19931419 19990708
 DE 1999-19931420 19990708
 DE 1999-19932122 19990709
 DE 1999-19932128 19990709
 DE 1999-19932134 19990709
 DE 1999-19932206 19990709
 DE 1999-19932207 19990709
 DE 1999-19933003 19990714
 DE 1999-19941390 19990831
 DE 1999-19942088 19990903
 DE 1999-19942124 19990903
 US 1999-141031P 19990625 (60)-
 US 1999-142690P 19990701 (60)
 US 1999-151251P 19990827 (60)
 DT Utility
 FS APPLICATION
 LREP LAHIVE & COCKFIELD, LLP., 28 STATE STREET, BOSTON, MA, 02109, US
 CLMN Number of Claims: 38
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 6287
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7 ANSWER 9 OF 70 USPATFULL on STN
 AN 2005:158196 USPATFULL

TI Nucleic acid and amino acid sequences relating to streptococcus
pneumoniae for diagnostics and therapeutics
IN Doucette-Stamm, Lynn A., Framingham, MA, UNITED STATES
Bush, David, Somerville, MA, UNITED STATES
PI US 2005136404 A1 20050623
AI US 2003-617320 A1 20030710 (10)
RLI Division of Ser. No. US 1998-107433, filed on 30 Jun 1998, PENDING
PRAI US 1997-51553P 19970702 (60)
US 1998-85131P 19980512 (60)
DT Utility
FS APPLICATION
LREP Robert L. Spadafora, Genome Therapeutics Corporation, 100 Beaver Street,
Waltham, MA, 02453, US
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 12957
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 10 OF 70 USPATFULL on STN
AN 2005:144275 USPATFULL
TI Whole cell engineering by mutagenizing a substantial portion of a
starting genome combining **mutations** and optionally repeating
IN Short, Jay M, Rancho Santa Fe, CA, UNITED STATES
Fu, Pengcheng, Lowrey Avenue, HI, UNITED STATES
Wei, Jing, San Diego, CA, UNITED STATES
Levin, Michael, San Diego, CA, UNITED STATES
Latterich, Martin, Montellano Terrace, San Diego, CA, UNITED STATES
PI US 2005124010 A1 20050609
AI US 2003-398271 A1 20011001 (10)
WO 2001-US31004 20011001
PRAI US 2003-9677584 20000930
US 2003-279702P 20010328 (60)
DT Utility
FS APPLICATION
LREP FISH & RICHARDSON, PC, 12390 EL CAMINO REAL, SAN DIEGO, CA, 92130-2081,
US
CLMN Number of Claims: 179
ECL Exemplary Claim: 1
DRWN 31 Drawing Page(s)
LN.CNT 31291
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 11 OF 70 USPATFULL on STN
AN 2005:137948 USPATFULL
TI Enzymes
IN Chawla, Narinder K., Union City, CA, UNITED STATES
Lee, Soo Yuen, Daly City, CA, UNITED STATES
Ring, Huijun Z., Los Altos, CA, UNITED STATES
Lee, Ernestine A., Castro Valley, CA, UNITED STATES
Forsythe, Ian J., Redwood City, CA, UNITED STATES
Khare, Reena, Saratoga, CA, UNITED STATES
Tran, Uyen K., San Jose, CA, UNITED STATES
Kable, Amy E., San Francisco, CA, UNITED STATES
Richardson, Thomas W., Redwood City, CA, UNITED STATES
Emerling, Brooke M., Palo Alto, CA, UNITED STATES
Lindquist, Erika A., Alameda, CA, UNITED STATES
Baughn, Mariah R., San Leandro, CA, UNITED STATES
Hafalia, April J.A., Santa Clara, CA, UNITED STATES
Jin, Pei, Palo Alto, CA, UNITED STATES
Swarnakar, Anita, San Francisco, CA, UNITED STATES
Li, Joana X., San Francisco, CA, UNITED STATES
Marquis, Joseph P., San Jose, CA, UNITED STATES
Gorvad, Ann E., Livermore, CA, UNITED STATES
Sprague, William W., Sacramento, CA, UNITED STATES
Becha, Shanya D., Castro Valley, CA, UNITED STATES
Elliott, Vicki S., San Jose, CA, UNITED STATES
PI US 2005118594 A1 20050602
AI US 2003-498788 A1 20021212 (10)

WO 2002-US40161 20021212
PRAI US 2003-340357P 20011214 (60)
US 2003-342962P 20011220 (60)
US 2003-343558P 20011221 (60)
US 2003-351107P 20020122 (60)
DT Utility
FS APPLICATION
LREP FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007,
US
CLMN Number of Claims: 59
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 16691
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 12 OF 70 USPATFULL on STN
AN 2005:77542 USPATFULL
TI Human hydrolytic enzymes
IN Yue, Henry, Sunnyvale, CA, United States
Hillman, Jennifer L., Mountain View, CA, United States
Tang, Y. Tom, San Jose, CA, United States
Baughn, Mariah R., San Leandro, CA, United States
Lu, Dyung Aina M., San Jose, CA, United States
Azimazai, Yalda, Castro Valley, CA, United States
PA Incyte Corporation, Wilmington, DE, United States (U.S. corporation)
PI US 6872560 B1 20050329
WO 2001016334 20010308
AI US 2002-70634 20020301 (10)
WO 2000-US24107 20000831
20020301 PCT 371 date
PRAI US 1999-151819P 19990901 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Patterson, Jr., Charles L.
LREP Foley & Lardner LLP
CLMN Number of Claims: 13
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 5177
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 13 OF 70 USPATFULL on STN
AN 2005:70619 USPATFULL
TI DNA shuffling to produce herbicide selective crops
IN Subramanian, Venkiteswaran, San Diego, CA, UNITED STATES
Stemmer, Willem P.C., Los Gatos, CA, UNITED STATES
Castle, Linda A., Mountain View, CA, UNITED STATES
Muchhal, Umesh S., Mountain View, CA, UNITED STATES
Siehl, Daniel L., Menlo Park, CA, UNITED STATES
PI US 2005060767 A1 20050317
AI US 2003-627449 A1 20030725 (10)
RLI Continuation of Ser. No. US 1999-373333, filed on 12 Aug 1999, ABANDONED
PRAI US 1998-112746P 19981217 (60)
US 1998-111146P 19981207 (60)
US 1998-96288P 19980812 (60)
US 1998-96271P 19980812 (60)
US 1999-130810P 19990423 (60)
DT Utility
FS APPLICATION
LREP MAXYGEN, INC., INTELLECTUAL PROPERTY DEPARTMENT, 515 GALVESTON DRIVE,
RED WOOD CITY, CA, 94063
CLMN Number of Claims: 60
ECL Exemplary Claim: 1
DRWN 1 Drawing Page(s)
LN.CNT 3118
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 14 OF 70 USPATFULL on STN
AN 2005:30785 USPATFULL

TI Compositions and methods for detecting multidrug resistant strains of M.
tuberculosis having mutations in genes of the
mutT family
IN Gicquel, Brigitte, Paris, FRANCE
PI US 2005026216 A1 20050203
AI US 2004-777131 A1 20040213 (10)
RLI Continuation of Ser. No. WO 2002-EP9679, filed on 14 Aug 2002, UNKNOWN
PRAI US 2001-311824P 20010814 (60)
US 2001-313523P 20010821 (60)
DT Utility
FS APPLICATION
LREP Finnegan, Henderson, Farabow,, Garrett & Dunner, L.L.P., 1300 I Street,
N.W., Washington, DC, 20005-3315
CLMN Number of Claims: 45
ECL Exemplary Claim: 1
DRWN 15 Drawing Page(s)
LN.CNT 1775
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 15 OF 70 USPATFULL on STN
AN 2004:317313 USPATFULL
TI Corynebacterium glutamicum genes encoding proteins involved in
homeostasis and adaptation
IN Pompejus, Markus, Freinsheim, GERMANY, FEDERAL REPUBLIC OF
Kroger, Burkhard, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
Schroder, Hartwig, Nussloch, GERMANY, FEDERAL REPUBLIC OF
Zelder, Oskar, Speyer, GERMANY, FEDERAL REPUBLIC OF
Haberhauer, Gregor, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
PA BASF Aktiengesellschaft, GERMANY, FEDERAL REPUBLIC OF (non-U.S.
corporation)
PI US 6831165 B1 20041214
AI US 2000-602777 20000623 (9)
PRAI US 1999-141031P 19990625 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Horlick, Kenneth R.; Assistant Examiner: Wilder,
Cynthia.
LREP Lahive & Cockfield LLP, Hanley, Elizabeth A., DiRocco, Lisa M.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 5143
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 16 OF 70 USPATFULL on STN
AN 2004:301902 USPATFULL
TI Methods for inhibition of membrane fusion-associated events, including
HIV transmission
IN Bolognesi, Dani Paul, Durham, NC, United States
Matthews, Thomas James, Durham, NC, United States
Wild, Carl T., Durham, NC, United States
PA Duke University, Durham, NC, United States (U.S. corporation)
PI US 6824783 B1 20041130
AI US 1995-487266 19950607 (8)
RLI Division of Ser. No. US 1995-470896, filed on 6 Jun 1995, now patented,
Pat. No. US 6479055 Continuation-in-part of Ser. No. US 1994-360107,
filed on 20 Dec 1994, now patented, Pat. No. US 6017536
Continuation-in-part of Ser. No. US 1994-255208, filed on 7 Jun 1994,
now patented, Pat. No. US 5440656 Continuation-in-part of Ser. No. US
1993-73028, filed on 7 Jun 1993, now patented, Pat. No. US 5464933
DT Utility
FS GRANTED
EXNAM Primary Examiner: Housel, James; Assistant Examiner: Parkin, Jeffrey S.
LREP Pennie & Edmonds LLP
CLMN Number of Claims: 118
ECL Exemplary Claim: 1
DRWN 84 Drawing Figure(s); 83 Drawing Page(s)
LN.CNT 25013
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 17 OF 70 USPATFULL on STN
 AN 2004:294729 USPATFULL
 TI Corynebacterium glutamicum genes encoding stress, resistance and tolerance proteins
 IN Pompejus, Markus, Freinsheim, GERMANY, FEDERAL REPUBLIC OF
 Kroger, Burkhard, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
 Schroder, Hartwig, Nussloch, GERMANY, FEDERAL REPUBLIC OF
 Zelder, Oskar, Speyer, GERMANY, FEDERAL REPUBLIC OF
 Haberhauer, Gregor, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
 Lee, Heung-Shick, Seoul, KOREA, REPUBLIC OF
 Kim, Hyung-Joon, Seoul, KOREA, REPUBLIC OF
 PA BASF Aktiengesellschaft, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)
 PI US 6822084 B1 20041123
 AI US 2000-603208 20000623 (9)
 PRAI DE 1999-19930429 19990701
 DE 1999-19931457 19990708
 DE 1999-19931541 19990708
 DE 1999-19931413 19990708
 DE 1999-19932209 19990709
 DE 1999-19932230 19990709
 DE 1999-19932914 19990714
 DE 1999-19940764 19990827
 DE 1999-19941382 19990831
 US 1999-151214P 19990827 (60)
 US 1999-142692P 19990701 (60)
 US 1999-141031P 19990625 (60)
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: Myers, Carla J.; Assistant Examiner: Spiegler, Alexander H.
 LREP Lahive & Cockfield, LLP, Hanley, Elizabeth A., DiRocco, Lisa M.
 CLMN Number of Claims: 2
 ECL Exemplary Claim: 1
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
 LN.CNT 4240
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 18 OF 70 USPATFULL on STN
 AN 2004:274256 USPATFULL
 TI Novel human hydrolase family members and uses thereof
 IN Meyers, Rachel E., Newton, MA, UNITED STATES
 Glucksmann, Maria Alexandra, Lexington, MA, UNITED STATES
 Curtis, Rory A. J., Framingham, MA, UNITED STATES
 Rudolph-Owen, Laura A., Jamaica Plain, MA, UNITED STATES
 PI US 2004214758 A1 20041028
 AI US 2002-193452 A1 20020711 (10)
 RLI Continuation-in-part of Ser. No. US 2001-816664, filed on 23 Mar 2001, ABANDONED
 PRAI US 2000-191973P 20000324 (60)
 US 2000-199559P 20000425 (60)
 US 2000-206036P 20000522 (60)
 US 2000-205442P 20000519 (60)
 US 2000-209949P 20000606 (60)
 US 2000-214948P 20000629 (60)
 US 2000-220008P 20000721 (60)
 US 2000-220040P 20000721 (60)
 US 2000-226774P 20000821 (60)
 US 2000-235033P 20000925 (60)
 US 2000-238170P 20001005 (60)
 US 2001-267054P 20010207 (60)
 US 2000-213688P 20000623 (60)
 DT Utility
 FS APPLICATION
 LREP Intellectual Property Group, MILLENNIUM PHARMACEUTICALS, INC., 75 Sidney Street, Cambridge, MA, 02139
 CLMN Number of Claims: 19
 ECL Exemplary Claim: 1

DRWN 62 Drawing Page(s)
LN.CNT 68657
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 19 OF 70 USPATFULL on STN
AN 2004:250212 USPATFULL
TI Nucleic acid and amino acid sequences relating to Streptococcus pneumoniae for diagnostics and therapeutics
IN Doucette-Stamm, Lynn A., Framingham, MA, United States
Bush, David, Somerville, MA, United States
PA Genome Therapeutics Corporation, Waltham, MA, United States (U.S. corporation)
PI US 6800744 B1 20041005
AI US 1998-107433 19980630 (9)
PRAI US 1998-85131P 19980512 (60)
US 1997-51553P 19970702 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Brusca, John S.; Assistant Examiner: Zhou, Shubo "Joe"
LREP Genome Therapeutics Corporation ,
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 11545
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 20 OF 70 USPATFULL on STN
AN 2004:217827 USPATFULL
TI Cathepsin V-like polypeptides
IN Tang, Y. Tom, San Jose, CA, United States
Goodrich, Ryle W., Los Angeles, CA, United States
Asundi, Vinod, Foster City, CA, United States
Drmanac, Radoje T., Palo Alto, CA, United States
PA Nuvelo, Inc., Sunnyvale, CA, United States (U.S. corporation)
PI US 6783969 B1 20040831
AI US 2001-799451 20010305 (9)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Myers, Carla J.
CLMN Number of Claims: 3
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 7745
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 21 OF 70 USPATFULL on STN
AN 2004:165382 USPATFULL
TI Ncc2705-the genome of a bifodobacterium
IN Arigoni, Fabrizio, Geneva, SWITZERLAND
Delley, Michele, Vauderens, SWITZERLAND
Mollet, Beat, Lausanne, SWITZERLAND
Pridmore, Raymond David, Lausanne, SWITZERLAND
Schell, Mark Alan, Athens, GA, UNITED STATES
Pohl, Thomas, Konstanz, GERMANY, FEDERAL REPUBLIC OF
Zwahlen, Marie-Camille, Lausanne, SWITZERLAND
PI US 2004126870 A1 20040701
AI US 2004-470565 A1 20040107 (10)
WO 2002-EP958 20020130
PRAI EP 2001-102050 20010130
DT Utility
FS APPLICATION
LREP BELL, BOYD & LLOYD LLC, P. O. BOX 1135, CHICAGO, IL, 60690-1135
CLMN Number of Claims: 30
ECL Exemplary Claim: 1
DRWN 5 Drawing Page(s)
LN.CNT 4972
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 22 OF 70 USPATFULL on STN
AN 2004:141216 USPATFULL
TI Nucleic acid sequences relating to Candida albicans for diagnostics and therapeutics
IN Weinstock, Keith G., Westborough, MA, United States
Bush, David, Somerville, MA, United States
PA Genome Therapeutics Corporation, Waltham, MA, United States (U.S. corporation)
PI US 6747137 B1 20040608
AI US 1999-248796 19990212 (9)
PRAI US 1998-96409P 19980813 (60)
US 1998-74725P 19980213 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Marschel, Ardin H.
LREP Genome Therapeutics Corporation
CLMN Number of Claims: 12
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 36816
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 23 OF 70 USPATFULL on STN
AN 2004:121299 USPATFULL
TI Intracellular signaling molecules
IN Ding, Li, Creve Couer, MO, UNITED STATES
Warren, Bridge A, San Marcos, CA, UNITED STATES
Elliott, Vicki S, San Jose, CA, UNITED STATES
Tang, Y Tom, San Jose, CA, UNITED STATES
Yue, Henry, Sunnyvale, CA, UNITED STATES
Burford, Neil, Durham, CT, UNITED STATES
Lee, Sally, San Jose, CA, UNITED STATES
Thomas, Richardson W, Redwood City, CA, UNITED STATES
Lal, Preeti G, Santa Clara, CA, UNITED STATES
Nguyen, Danniel B, San Jose, CA, UNITED STATES
Yang, Junming, San Jose, CA, UNITED STATES
Hafalia, April J A, Daly City, CA, UNITED STATES
Ison, Craig H, San Jose, CA, UNITED STATES
Gururajan, Rajagopal, San Jose, CA, UNITED STATES
Baughn, Mariah R, Los Angeles, CA, UNITED STATES
Wang, Yumei E, Mountain View, CA, UNITED STATES
Yao, Monique G, Mountain View, CA, UNITED STATES
Thangavelu, Kavitha, Sunnyvale, CA, UNITED STATES
Swarnakar, Anita, San Francisco, CA, UNITED STATES
Griffin, Jennifer A, Fremont, CA, UNITED STATES
Forsythe, Ian J, Edmonton, CANADA
Emerling, Brooke M, Chicago, IL, UNITED STATES
Chawla, Narinder K, Union City, CA, UNITED STATES
PI US 2004092715 A1 20040513
AI US 2003-467434 A1 20030806 (10)
WO 2002-US3966 20020207
DT Utility
FS APPLICATION
LREP INCYTE CORPORATION, 3160 PORTER DRIVE, PALO ALTO, CA, 94304
CLMN Number of Claims: 91
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 9454
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 24 OF 70 USPATFULL on STN
AN 2004:101228 USPATFULL
TI Whole cell engineering by mutagenizing a substantial portion of a starting genome, combining mutations, and optionally repeating
IN Short, Jay M., Rancho Santa Fe, CA, UNITED STATES
PI US 2004077090 A1 20040422
AI US 2003-383798 A1 20030306 (10)
RLI Continuation of Ser. No. US 2000-677584, filed on 30 Sep 2000, ABANDONED
Continuation-in-part of Ser. No. US 2000-594459, filed on 14 Jun 2000,

GRANTED, Pat. No. US 6605449 Continuation-in-part of Ser. No. US 2000-522289, filed on 9 Mar 2000, GRANTED, Pat. No. US 6358709 Continuation-in-part of Ser. No. US 2000-498557, filed on 4 Feb 2000, PENDING Continuation-in-part of Ser. No. US 2000-495052, filed on 31 Jan 2000, GRANTED, Pat. No. US 6479258

PRAI US 1999-156815P 19990929 (60)
DT Utility
FS APPLICATION
LREP HALE AND DORR LLP, 300 PARK AVENUE, NEW YORK, NY, 10022
CLMN Number of Claims: 22
ECL Exemplary Claim: 1
DRWN 28 Drawing Page(s)
LN.CNT 37121
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 25 OF 70 USPATFULL on STN
AN 2004:78909 USPATFULL
TI Non-stochastic generation of genetic vaccines and enzymes
IN Short, Jay M., Rancho Santa Fe, CA, United States
PA Diversa Corporation, San Diego, CA, United States (U.S. corporation)
PI US 6713279 B1 20040330
AI US 2000-498557 20000204 (9)
RLI Continuation-in-part of Ser. No. US 2000-495052, filed on 31 Jan 2000, now patented, Pat. No. US 6479253 Continuation-in-part of Ser. No. US 1999-332835, filed on 14 Jun 1999, now patented, Pat. No. US 6537776 Continuation-in-part of Ser. No. US 1999-276860, filed on 26 Mar 1999, now patented, Pat. No. US 6352842 Continuation-in-part of Ser. No. US 1999-267118, filed on 9 Mar 1999, now patented, Pat. No. US 6238884 Continuation-in-part of Ser. No. US 1999-246178, filed on 4 Feb 1999, now patented, Pat. No. US 6171820 Continuation-in-part of Ser. No. US 1998-185373, filed on 3 Nov 1998, now patented, Pat. No. US 6335179 Continuation of Ser. No. US 1996-760489, filed on 5 Dec 1996, now patented, Pat. No. US 5830696 Continuation-in-part of Ser. No. US 1997-962504, filed on 31 Oct 1997 Continuation-in-part of Ser. No. US 1996-677112, filed on 9 Jul 1996, now patented, Pat. No. US 5965408 Continuation-in-part of Ser. No. US 1996-651568, filed on 22 May 1996, now patented, Pat. No. US 5939250
PRAI US 1995-8311P 19951207 (60)
US 1995-8316P 19951207 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Park, Hankyel T.
LREP Love, Jane M., Butler, James E.
CLMN Number of Claims: 105
ECL Exemplary Claim: 1
DRWN 73 Drawing Figure(s); 64 Drawing Page(s)
LN.CNT 19098
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 26 OF 70 USPATFULL on STN
AN 2004:69593 USPATFULL
TI Fusion proteins comprising DP-178 and other viral fusion inhibitor peptides useful for treating aids
IN Bolognesi, Dani Paul, Durham, NC, UNITED STATES
Matthews, Thomas James, Durham, NC, UNITED STATES
Wild, Carl T., Durham, NC, UNITED STATES
Barney, Shawn O'apos, Lin, Cary, NC, UNITED STATES
Lambert, Dennnis Michael, Cary, NC, UNITED STATES
Petteway, Stephen Robert, Cary, NC, UNITED STATES
Langlois, Alphonse J., Durham, NC, UNITED STATES
PA Duke University (U.S. corporation)
Trimeris, Inc. (U.S. corporation)
PI US 2004052820 A1 20040318
AI US 2002-267748 A1 20021008 (10)
RLI Continuation of Ser. No. US 1995-484223, filed on 7 Jun 1995, PENDING Division of Ser. No. US 1995-470896, filed on 6 Jun 1995, GRANTED, Pat. No. US 6479055 Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994, GRANTED, Pat. No. US 6017536 Continuation-in-part of Ser. No. US 1994-255208, filed on 7 Jun 1994, GRANTED, Pat. No. US 6440656

Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993,
GRANTED, Pat. No. US 5464933

DT Utility
FS APPLICATION
LREP PENNIE AND EDMONDS, 1155 AVENUE OF THE AMERICAS, NEW YORK, NY, 100362711
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN 83 Drawing Page(s)
LN.CNT 40442
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 27 OF 70 USPATFULL on STN
AN 2004:57946 USPATFULL
TI Genes of corynebacterium
IN Pompejus, Markus, Freinsheim, GERMANY, FEDERAL REPUBLIC OF
Kroger, Burkhard, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
Zelder, Oskar, Speyer, GERMANY, FEDERAL REPUBLIC OF
Schroder, Hartwig, Nubloch, GERMANY, FEDERAL REPUBLIC OF
PI US 2004043953 A1 20040304
AI US 2003-450055 A1 20030610 (10)
WO 2000-EP13143 20001222
DT Utility
FS APPLICATION
LREP NIXON & VANDERHYE, PC, 1100 N GLEBE ROAD, 8TH FLOOR, ARLINGTON, VA,
22201-4714
CLMN Number of Claims: 37
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 6534
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 28 OF 70 USPATFULL on STN
AN 2004:46841 USPATFULL
TI Corynebacterium glutamicum genes encoding proteins involved in membrane
synthesis and membrane transport
IN Pompejus, Markus, Freinsheim, GERMANY, FEDERAL REPUBLIC OF
Kroger, Burkhard, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
Schroder, Hartwig, Nussloch, GERMANY, FEDERAL REPUBLIC OF
Zelder, Oskar, Speyer, GERMANY, FEDERAL REPUBLIC OF
Haberhauer, Gregor, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
PA BASF Aktiengesellschaft, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF
(non-U.S. corporation)
PI US 6696561 B1 20040224
AI US 2000-602787 20000623 (9)
PRAI DE 1909-19932128 19090709
DE 1999-19931454 19990708
DE 1999-19931478 19990708
DE 1999-19931563 19990708
DE 1999-19932122 19990709
DE 1999-19932124 19990709
DE 1999-19932125 19990709
DE 1999-19932180 19990709
DE 1999-19932182 19990709
DE 1999-19932190 19990709
DE 1999-19932191 19990709
DE 1999-19932209 19990709
DE 1999-19932212 19990709
DE 1999-19932227 19990709
DE 1999-19932228 19990709
DE 1999-19932229 19990709
DE 1999-19932230 19990709
DE 1999-19932927 19990714
DE 1999-19933005 19990714
DE 1999-19933006 19990714
DE 1999-19940764 19990827
DE 1999-19940765 19990827
DE 1999-19940766 19990827
DE 1999-19940830 19990827
DE 1999-19940831 19990827

DE 1999-19940832 19990827
DE 1999-19940833 19990827
DE 1999-19942088 19990903
US 1999-141031P 19990625 (60)

DT Utility
FS GRANTED

EXNAM Primary Examiner: Brusca, John S.

LREP Lahive & Cockfield, LLP, DeConti, Jr., Esq., Giulio A., Hanley, Esq.,
Elizabeth A.

CLMN Number of Claims: 2

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 5286

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 29 OF 70 USPATFULL on STN

AN 2004:44245 USPATFULL

TI Nucleic acids encoding DP-178 and other viral fusion inhibitor peptides
useful for treating aids

IN Bolognesi, Dani Paul, Durham, NC, UNITED STATES
Matthews, Thomas James, Durham, NC, UNITED STATES
Wild, Carl T., Durham, NC, UNITED STATES

PA Duke University (U.S. corporation)

PI US 2004033235 A1 20040219

AI US 2003-267682 A1 20030106 (10)

RLI Continuation of Ser. No. US 1995-484223, filed on 7 Jun 1995, PENDING
Division of Ser. No. US 1995-470896, filed on 6 Jun 1995, GRANTED, Pat.
No. US 6479055 Continuation-in-part of Ser. No. US 1994-360107, filed on
20 Dec 1994, GRANTED, Pat. No. US 6017536 Continuation-in-part of Ser.
No. US 1994-255208, filed on 7 Jun 1994, GRANTED, Pat. No. US 6440656
Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993,
GRANTED, Pat. No. US 5464933

DT Utility

FS APPLICATION

LREP PENNIE AND EDMONDS, 1155 AVENUE OF THE AMERICAS, NEW YORK, NY, 100362711

CLMN Number of Claims: 15

ECL Exemplary Claim: 1

DRWN 63 Drawing Page(s)

LN.CNT 59510

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 30 OF 70 USPATFULL on STN

AN 2004:38579 USPATFULL

TI Streptococcus pneumoniae polynucleotides and sequences

IN Kunsch, Charles A., Norcross, GA, UNITED STATES
Choi, Gil H., Rockville, MD, UNITED STATES

Dillon, Patrick J., Carlsbad, CA, UNITED STATES

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Barash, Steven C., Rockville, MD, UNITED STATES

Fannon, Michael R., Silver Spring, MD, UNITED STATES

Dougherty, Brian A., Killingworth, CT, UNITED STATES

PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.
corporation)

PI US 2004029118 A1 20040212

AI US 2002-158844 A1 20020603 (10)

RLI Division of Ser. No. US 1997-961527, filed on 30 Oct 1997, GRANTED, Pat.
No. US 6420135

PRAI US 1996-29960P 19961031 (60)

DT Utility

FS APPLICATION

LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN 2 Drawing Page(s)

LN.CNT 9165

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 31 OF 70 USPATFULL on STN

AN 2004:12968 USPATFULL

TI	Nucleic acids, proteins, and antibodies		
IN	Rosen, Craig A., Laytonsville, MD, UNITED STATES		
	Ruben, Steven M., Olney, MD, UNITED STATES		
	Barash, Steven C., Rockville, MD, UNITED STATES		
PA	Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)		
PI	US 2004009488	A1	20040115
AI	US 2002-242515	A1	20020913 (10)
RLI	Continuation of Ser. No. US 2001-764877, filed on 17 Jan 2001, PENDING		
PRAI	US 2000-179065P	20000131	(60)
	US 2000-180628P	20000204	(60)
	US 2000-214886P	20000628	(60)
	US 2000-217487P	20000711	(60)
	US 2000-225758P	20000814	(60)
	US 2000-220963P	20000726	(60)
	US 2000-217496P	20000711	(60)
	US 2000-225447P	20000814	(60)
	US 2000-218290P	20000714	(60)
	US 2000-225757P	20000814	(60)
	US 2000-226868P	20000822	(60)
	US 2000-216647P	20000707	(60)
	US 2000-225267P	20000814	(60)
	US 2000-216880P	20000707	(60)
	US 2000-225270P	20000814	(60)
	US 2000-251869P	20001208	(60)
	US 2000-235834P	20000927	(60)
	US 2000-234274P	20000921	(60)
	US 2000-234223P	20000921	(60)
	US 2000-228924P	20000830	(60)
	US 2000-224518P	20000814	(60)
	US 2000-236369P	20000929	(60)
	US 2000-224519P	20000814	(60)
	US 2000-220964P	20000726	(60)
	US 2000-241809P	20001020	(60)
	US 2000-249299P	20001117	(60)
	US 2000-236327P	20000929	(60)
	US 2000-241785P	20001020	(60)
	US 2000-244617P	20001101	(60)
	US 2000-225268P	20000814	(60)
	US 2000-236368P	20000929	(60)
	US 2000-251856P	20001208	(60)
	US 2000-251868P	20001208	(60)
	US 2000-229344P	20000901	(60)
	US 2000-234997P	20000925	(60)
	US 2000-229343P	20000901	(60)
	US 2000-229345P	20000901	(60)
	US 2000-229287P	20000901	(60)
	US 2000-229513P	20000905	(60)
	US 2000-231413P	20000908	(60)
	US 2000-229509P	20000905	(60)
	US 2000-236367P	20000929	(60)
	US 2000-237039P	20001002	(60)
	US 2000-237038P	20001002	(60)
	US 2000-236370P	20000929	(60)
	US 2000-236802P	20001002	(60)
	US 2000-237037P	20001002	(60)
	US 2000-237040P	20001002	(60)
	US 2000-240960P	20001020	(60)
	US 2000-239935P	20001013	(60)
	US 2000-239937P	20001013	(60)
	US 2000-241787P	20001020	(60)
	US 2000-246474P	20001108	(60)
	US 2000-246532P	20001108	(60)
	US 2000-249216P	20001117	(60)
	US 2000-249210P	20001117	(60)
	US 2000-226681P	20000822	(60)
	US 2000-225759P	20000814	(60)
	US 2000-225213P	20000814	(60)
	US 2000-227182P	20000822	(60)

US 2000-225214P	20000814 (60)
US 2000-235836P	20000927 (60)
US 2000-230438P	20000906 (60)
US 2000-215135P	20000630 (60)
US 2000-225266P	20000814 (60)
US 2000-249218P	20001117 (60)
US 2000-249208P	20001117 (60)
US 2000-249213P	20001117 (60)
US 2000-249212P	20001117 (60)
US 2000-249207P	20001117 (60)
US 2000-249245P	20001117 (60)
US 2000-249244P	20001117 (60)
US 2000-249217P	20001117 (60)
US 2000-249211P	20001117 (60)
US 2000-249215P	20001117 (60)
US 2000-249264P	20001117 (60)
US 2000-249214P	20001117 (60)
US 2000-249297P	20001117 (60)
US 2000-232400P	20000914 (60)
US 2000-231242P	20000908 (60)
US 2000-232081P	20000908 (60)
US 2000-232080P	20000908 (60)
US 2000-231414P	20000908 (60)
US 2000-231244P	20000908 (60)
US 2000-233064P	20000914 (60)
US 2000-233063P	20000914 (60)
US 2000-232397P	20000914 (60)
US 2000-232399P	20000914 (60)
US 2000-232401P	20000914 (60)
US 2000-241808P	20001020 (60)
US 2000-241826P	20001020 (60)
US 2000-241786P	20001020 (60)
US 2000-241221P	20001020 (60)
US 2000-246475P	20001108 (60)
US 2000-231243P	20000908 (60)
US 2000-233065P	20000914 (60)
US 2000-232398P	20000914 (60)
US 2000-234998P	20000925 (60)
US 2000-246477P	20001108 (60)
US 2000-246528P	20001108 (60)
US 2000-246525P	20001108 (60)
US 2000-246476P	20001108 (60)
US 2000-246526P	20001108 (60)
US 2000-249209P	20001117 (60)
US 2000-246527P	20001108 (60)
US 2000-246523P	20001108 (60)
US 2000-246524P	20001108 (60)
US 2000-246478P	20001108 (60)
US 2000-246609P	20001108 (60)
US 2000-246613P	20001108 (60)
US 2000-249300P	20001117 (60)
US 2000-249265P	20001117 (60)
US 2000-246610P	20001108 (60)
US 2000-246611P	20001108 (60)
US 2000-230437P	20000906 (60)
US 2000-251990P	20001208 (60)
US 2000-251988P	20001205 (60)
US 2000-251030P	20001205 (60)
US 2000-251479P	20001206 (60)
US 2000-256719P	20001205 (60)
US 2000-250160P	20001201 (60)
US 2000-251989P	20001208 (60)
US 2000-250391P	20001201 (60)
US 2000-254097P	20001211 (60)
US 2000-231968P	20000912 (60)
US 2000-226279P	20000818 (60)
US 2000-186350P	20000302 (60)
US 2000-184664P	20000224 (60)
US 2000-189874P	20000316 (60)

US 2000-198123P 20000418 (60)
US 2000-227009P 20000823 (60)
US 2000-235484P 20000926 (60)
US 2000-190076P 20000317 (60)
US 2000-209467P 20000607 (60)
US 2000-205515P 20000519 (60)
US 2001-259678P 20010105 (60)

DT Utility

FS APPLICATION

LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850

CLMN Number of Claims: 24

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 32038

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 32 OF 70 USPATFULL on STN

AN 2004:12955 USPATFULL

TI Novel human polynucleotides and polypeptides encoded thereby

IN Leach, Martin D., Madison, CT, UNITED STATES

Shimkets, Richard A., Guilford, CT, UNITED STATES

PI US 2004009474 A1 20040115

AI US 2001-864408 A1 20010524 (9)

PRAI US 2000-206690P 20000524 (60)

DT Utility

FS APPLICATION

LREP Ivor R. Elrifli, Esq., McIntz, Levin, Cohn, Ferris,, Glovsky and Popeo,
P.C., One Financial Center, Boston, MA, 02111

CLMN Number of Claims: 32

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 21366

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 33 OF 70 USPATFULL on STN

AN 2004:1830 USPATFULL

TI Antigen library immunization

IN Punnonen, Juha, Belmont, CA, UNITED STATES

Bass, Steven H., Hillsborough, CA, UNITED STATES

Whalen, Robert Gerald, Foster City, CA, UNITED STATES

Howard, Russell, Los Altos Hills, CA, UNITED STATES

Stemmer, Willem P.C., Los Gatos, CA, UNITED STATES

PA Maxygen, Inc., a Delaware corporation (U.S. corporation)

PI US 2004001849 A1 20040101

AI US 2003-383317 A1 20030307 (10)

RLI Continuation of Ser. No. US 2000-724852, filed on 28 Nov 2000, GRANTED,
Pat. No. US 6576757 Continuation of Ser. No. US 1999-247890, filed on 10
Feb 1999, GRANTED, Pat. No. US 6541011

PRAI US 1998-105509P 19981023 (60)

US 1998-74294P 19980211 (60)

DT Utility

FS APPLICATION

LREP MAXYGEN, INC., INTELLECTUAL PROPERTY DEPARTMENT, 515 GALVESTON DRIVE,
RED WOOD CITY, CA, 94063

CLMN Number of Claims: 53

ECL Exemplary Claim: 1

DRWN 21 Drawing Page(s)

LN.CNT 5367

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 34 OF 70 USPATFULL on STN

AN 2003:312155 USPATFULL

TI Novel antigen binding molecules for therapeutic, diagnostic,
prophylactic, enzymatic, industrial, and agricultural applications, and
methods for generating and screening thereof

IN Short, Jay M., Rancho Santa Fe, CA, UNITED STATES

PA Diversa Corporation, San Diego, CA, UNITED STATES, 92121 (U.S.
corporation)

PI US 2003219752 A1 20031127

AI US 2002-151469 A1 20020517 (10)
RLI Continuation-in-part of Ser. No. US 2000-535754, filed on 27 Mar 2000,
GRANTED, Pat. No. US 6361974 Continuation-in-part of Ser. No. US
2000-522289, filed on 9 Mar 2000, GRANTED, Pat. No. US 6358709
Continuation-in-part of Ser. No. US 2000-498557, filed on 4 Feb 2000,
ABANDONED Continuation-in-part of Ser. No. US 2000-495052, filed on 31
Jan 2000, GRANTED, Pat. No. US 6479258 Continuation-in-part of Ser. No.
US 1999-276860, filed on 26 Mar 1999, GRANTED, Pat. No. US 6352842
Continuation-in-part of Ser. No. US 1999-267118, filed on 9 Mar 1999,
GRANTED, Pat. No. US 6238884 Continuation-in-part of Ser. No. US
1999-246178, filed on 4 Feb 1999, GRANTED, Pat. No. US 6171820
Continuation of Ser. No. US 1998-185373, filed on 3 Nov 1998, GRANTED,
Pat. No. US 6335179 Continuation of Ser. No. US 1996-760489, filed on 5
Dec 1996, GRANTED, Pat. No. US 5830696 Continuation-in-part of Ser. No.
US 1996-677112, filed on 9 Jul 1996, GRANTED, Pat. No. US 5965408
Continuation-in-part of Ser. No. WO 2000-US16838, filed on 14 Jun 2000,
PENDING Continuation-in-part of Ser. No. WO 2000-US8245, filed on 27 Mar
2000, PENDING Continuation-in-part of Ser. No. WO 2000-US6497, filed on
9 Mar 2000, PENDING Continuation-in-part of Ser. No. US 2000-594459,
filed on 14 Jun 2000, PENDING Continuation-in-part of Ser. No. US
1999-332835, filed on 14 Jun 1999, GRANTED, Pat. No. US 6537776
Continuation-in-part of Ser. No. WO 2000-US3086, filed on 4 Feb 2000,
PENDING Continuation-in-part of Ser. No. US 2001-756459, filed on 8 Jan
2001, PENDING Continuation of Ser. No. US 1999-246178, filed on 4 Feb
1999, GRANTED, Pat. No. US 6171820 Continuation of Ser. No. US
1998-185373, filed on 3 Nov 1998, GRANTED, Pat. No. US 6335179
Continuation-in-part of Ser. No. US 1996-760489, filed on 5 Dec 1996,
GRANTED, Pat. No. US 5830696 Continuation-in-part of Ser. No. US
1999-376727, filed on 17 Aug 1999, GRANTED, Pat. No. US 6440668
Continuation of Ser. No. US 1996-677112, filed on 9 Jul 1996, GRANTED,
Pat. No. US 5965408 Continuation-in-part of Ser. No. WO 1998-US22596,
filed on 23 Oct 1998, PENDING Continuation-in-part of Ser. No. US
1999-214645, filed on 27 Sep 1999, PENDING A 371 of International Ser.
No. WO 1997-US12239, filed on 9 Jul 1997, PENDING Continuation-in-part
of Ser. No. US 2001-790321, filed on 21 Feb 2001, PENDING Division of
Ser. No. US 2000-687219, filed on 12 Oct 2000, PENDING
Continuation-in-part of Ser. No. US 2000-636778, filed on 11 Aug 2000,
PENDING Continuation of Ser. No. US 1998-98206, filed on 16 Jun 1998,
GRANTED, Pat. No. US 6174673 Continuation-in-part of Ser. No. US
2001-876276, filed on 7 Jun 2001, GRANTED, Pat. No. US 6468724
Continuation-in-part of Ser. No. US 2001-761559, filed on 16 Jan 2001,
PENDING Division of Ser. No. US 1998-98206, filed on 16 Jun 1998,
GRANTED, Pat. No. US 6174673 Continuation-in-part of Ser. No. US
1997-876276, filed on 16 Jun 1997, PENDING Continuation-in-part of Ser.
No. US 2001-848185, filed on 3 May 2001, PENDING Division of Ser. No. US
2000-636778, filed on 11 Aug 2000, PENDING Continuation of Ser. No. US
1998-98206, filed on 16 Jun 1998, GRANTED, Pat. No. US 6174673
Continuation-in-part of Ser. No. US 1997-876276, filed on 16 Jun 1997,
PENDING Continuation-in-part of Ser. No. US 2000-738871, filed on 15 Dec
2000, PENDING Continuation-in-part of Ser. No. US 2000-685432, filed on
10 Oct 2000, PENDING Continuation-in-part of Ser. No. US 1999-444112,
filed on 22 Nov 1999, PENDING Continuation-in-part of Ser. No. US
1998-98206, filed on 16 Jun 1998, GRANTED, Pat. No. US 6174673
Continuation-in-part of Ser. No. US 1997-876276, filed on 16 Jun 1997,
PENDING Continuation-in-part of Ser. No. WO 2000-US32208, filed on 22
Nov 2000, PENDING Continuation-in-part of Ser. No. WO 1998-US12674,
filed on 16 Jun 1998, PENDING
PRAI US 2001-300381P 20010517 (60)
US 2001-300907P 20010625 (60)
US 1995-8311P 19951207 (60)
US 1995-8316P 19951207 (60)
US 1995-8311P 19951207 (60)
DT Utility
FS APPLICATION
LREP FISH & RICHARDSON, PC, 4350 LA JOLLA VILLAGE DRIVE, SUITE 500, SAN
DIEGO, CA, 92122
CLMN Number of Claims: 102
ECL Exemplary Claim: 1
DRWN 95 Drawing Page(s)

LN.CNT 23775

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 35 OF 70 USPATFULL on STN
AN 2003:312146 USPATFULL
TI Novel nucleic acids and polypeptides
IN Tang, Y. Tom, San Jose, CA, UNITED STATES
Liu, Chenghua, San Jose, CA, UNITED STATES
Asundi, Vinod, Foster City, CA, UNITED STATES
Ren, Feiyan, Cupertino, CA, UNITED STATES
Drmanac, Radoje T., Palo Alto, CA, UNITED STATES
PI US 2003219743 A1 20031127
AI US 2002-115831 A1 20020402 (10)
RLI Division of Ser. No. US 2000-667298, filed on 22 Sep 2000, ABANDONED
Continuation-in-part of Ser. No. US 2000-577408, filed on 18 May 2000,
ABANDONED
DT Utility
FS APPLICATION
LREP Luisa Bigornia, HYSEQ, INC., 670 Almanor Avenue, Sunnyvale, CA, 94085
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 5987
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 36 OF 70 USPATFULL on STN
AN 2003:312144 USPATFULL
TI Novel full-length cDNA
IN Isogai, Takao, Ibaraki, JAPAN
Sugiyama, Tomoyasu, Tokyo, JAPAN
Otsuki, Tetsuji, Chiba, JAPAN
Wakamatsu, Ai, Chiba, JAPAN
Sato, Hiroyuki, Osaka, JAPAN
Ishii, Shizuko, Chiba, JAPAN
Yamamoto, Jun-Ichi, Chiba, JAPAN
Isono, Yuuko, Chiba, JAPAN
Hio, Yuri, Chiba, JAPAN
Otsuka, Kaoru, Saitama, JAPAN
Nagai, Keiichi, Tokyo, JAPAN
Irie, Ryotaro, Chiba, JAPAN
Tamechika, Ichiro, Osaka, JAPAN
Seki, Naohiko, Chiba, JAPAN
Yoshikawa, Tsutomu, Chiba, JAPAN
Otsuka, Motoyuki, Tokyo, JAPAN
Nagahari, Kenji, Tokyo, JAPAN
Masuho, Yasuhiko, Tokyo, JAPAN
PA Helix Research Institute (non-U.S. corporation)
PI US 2003219741 A1 20031127
AI US 2002-94749 A1 20020312 (10)
PRAI JP 2001-328381 20010914
US 2002-350435P 20020124 (60)
DT Utility
FS APPLICATION
LREP FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN 1 Drawing Page(s)
LN.CNT 13491
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 37 OF 70 USPATFULL on STN
AN 2003:306412 USPATFULL
TI Methods of constructing and screening diverse expression libraries
IN Watt, Paul M., Perth, AUSTRALIA
Thomas, Wayne, Perth, AUSTRALIA
Hopkins, Richard, Perth, AUSTRALIA
PI US 2003215846 A1 20031120
AI US 2003-372003 A1 20030221 (10)
RLI Continuation-in-part of Ser. No. US 2000-568229, filed on 5 May 2000,

PENDING
PRAI US 1999-132711P 19990505 (60)
DT Utility
FS APPLICATION
LREP KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR,
IRVINE, CA, 92614
CLMN Number of Claims: 90
ECL Exemplary Claim: 1
DRWN 11 Drawing Page(s)
LN.CNT 6320
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 38 OF 70 USPATFULL on STN
AN 2003:294272 USPATFULL
TI Non-stochastic generation of genetic vaccines
IN Short, Jay M., Rancho Santa Fe, CA, UNITED STATES
PI US 2003207287 A1 20031106
AI US 2002-223507 A1 20020819 (10)
RLI Continuation of Ser. No. US 2000-495052, filed on 31 Jan 2000, GRANTED,
Pat. No. US 6479258 Continuation-in-part of Ser. No. US 1999-276860,
filed on 26 Mar 1999, GRANTED, Pat. No. US 6352842 Continuation-in-part
of Ser. No. US 1999-267118, filed on 9 Mar 1999, GRANTED, Pat. No. US
6238884 Continuation-in-part of Ser. No. US 1999-246178, filed on 4 Feb
1999, GRANTED, Pat. No. US 6171820 Continuation-in-part of Ser. No. US
1998-185373, filed on 3 Nov 1998, GRANTED, Pat. No. US 6335179
Continuation of Ser. No. US 1996-760489, filed on 5 Dec 1996, GRANTED,
Pat. No. US 5830696 Continuation-in-part of Ser. No. US 1996-677112,
filed on 9 Jul 1996, GRANTED, Pat. No. US 5965408
PRAI US 1995-8311P 19951207 (60)
US 1995-8316P 19951207 (60)
DT Utility
FS APPLICATION
LREP HALE AND DORR LLP, 300 PARK AVENUE, NEW YORK, NY, 10022
CLMN Number of Claims: 69
ECL Exemplary Claim: 1
DRWN 61 Drawing Page(s)
LN.CNT 20997
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 39 OF 70 USPATFULL on STN
AN 2003:240330 USPATFULL
TI Nucleic acid and amino acid sequences relating to Enterococcus faecalis
for diagnostics and therapeutics
IN Doucette-Stamm, Lynn A., 14 Flanagan Dr., Framingham, MA, United States
01701
Bush, David, 205 Holland St., Somerville, MA, United States 02144
PI US 6617156 B1 20030909
AI US 1998-134000 19980813 (9)
PRAI US 1997-55778P 19970815 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Mosher, Mary E.
LREP Genome Therapeutics Corporation
CLMN Number of Claims: 19
ECL Exemplary Claim: 1,5,14
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 13738
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 40 OF 70 USPATFULL on STN
AN 2003:220740 USPATFULL
TI Methods and compositions for diagnosing and treating rheumatoid
arthritis
IN Pittman, Debra D., Windham, NH, UNITED STATES
Feldman, Jeffrey L., Arlington, MA, UNITED STATES
Shields, Kathleen M., Harvard, MA, UNITED STATES
Trepicchio, William L., Andover, MA, UNITED STATES
PI US 2003154032 A1 20030814
AI US 2001-23451 A1 20011217 (10)

PRAI US 2000-255861P 20001215 (60)
DT Utility
FS APPLICATION
LREP Patent Group, FOLEY, HOAG & ELIOT LLP, One Post Office Square, Boxton,
MA, 02109
CLMN Number of Claims: 40
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 25385
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 41 OF 70 USPATFULL on STN
AN 2003:190673 USPATFULL
TI Staphylococcus aureus polynucleotides and sequences
IN Kunsch, Charles A., Norcross, GA, United States
Choi, Gil H., Rockville, MD, United States
Barash, Steven, Rockville, MD, United States
Dillon, Patrick J., Carlsbad, CA, United States
Fannon, Michael R., Silver Spring, MD, United States
Rosen, Craig A., Laytonsville, MD, United States
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
corporation)
PI US 6593114 B1 20030715
AI US 1997-956171 19971020 (8)
RLI Continuation-in-part of Ser. No. US 1997-781986, filed on 3 Jan 1997
PRAI US 1996-9861P 19960105 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Duffy, Patricia A.
LREP Human Genome Sciences, Inc.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 7835
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 42 OF 70 USPATFULL on STN
AN 2003:187829 USPATFULL
TI Compositions and methods for detecting multidrug resistant strains of M.
tuberculosis having **mutations** in genes of the
mutT family
IN Gicquel, Brigitte, Paris, FRANCE
PI US 2003129619 A1 20030710
AI US 2002-216817 A1 20020813 (10)
PRAI US 2001-311824P 20010814 (60)
US 2001-313523P 20010821 (60)
DT Utility
FS APPLICATION
LREP FINNEGAN, HENDERSON, FARABOW, GARRETT &, DUNNER LLP, 1300 I STREET, NW,
WASHINGTON, DC, 20006
CLMN Number of Claims: 45
ECL Exemplary Claim: 1
DRWN 15 Drawing Page(s)
LN.CNT 1349
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 43 OF 70 USPATFULL on STN
AN 2003:172755 USPATFULL
TI Compositions and methods for the therapy and diagnosis of lung cancer
IN Algate, Paul A., Issaquah, WA, UNITED STATES
Lodes, Michael J., Seattle, WA, UNITED STATES
Wang, Tongtong, Medina, WA, UNITED STATES
Fan, Liqun, Bellevue, WA, UNITED STATES
McNeill, Patricia D., Federal Way, WA, UNITED STATES
PA Corixa Corporation, Seattle, WA (U.S. corporation)
PI US 2003118599 A1 20030626
AI US 2002-144649 A1 20020510 (10)
RLI Continuation-in-part of Ser. No. US 2001-854133, filed on 11 May 2001,
PENDING Continuation-in-part of Ser. No. US 2000-738973, filed on 14 Dec

2000, PENDING Continuation-in-part of Ser. No. US 2000-704512, filed on 1 Nov 2000, PENDING Continuation-in-part of Ser. No. US 2000-667170, filed on 20 Sep 2000, PENDING Continuation-in-part of Ser. No. US 2000-640878, filed on 18 Aug 2000, ABANDONED Continuation-in-part of Ser. No. US 2000-588937, filed on 5 Jun 2000, ABANDONED Continuation-in-part of Ser. No. US 2000-538037, filed on 29 Mar 2000, ABANDONED Continuation-in-part of Ser. No. US 2000-518809, filed on 3 Mar 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-476235, filed on 30 Dec 1999, ABANDONED Continuation-in-part of Ser. No. US 1999-370838, filed on 9 Aug 1999, GRANTED, Pat. No. US 6444425 Continuation-in-part of Ser. No. US 1999-285323, filed on 2 Apr 1999, ABANDONED

DT Utility
FS APPLICATION
LREP SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 6083
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 44 OF 70 USPATFULL on STN
AN 2003:169096 USPATFULL
TI Nucleic acid sequences and expression system relating to Enterococcus faecium for diagnostics and therapeutics
IN Doucette-Stamm, Lynn A., Framingham, MA, United States
Bush, David, Somerville, MA, United States
PA Genome Therapeutics Corporation, Waltham, MA, United States (U.S. corporation)
PI US 6583275 B1 20030624
AI US 1998-107532 19980630 (9)
PRAI US 1998-85598P 19980514 (60)
US 1997-51571P 19970702 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Marschel, Ardin H.
LREP Genome Therapeutics Corporation
CLMN Number of Claims: 34
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 15265
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 45 OF 70 USPATFULL on STN
AN 2003:155723 USPATFULL
TI Polynucleotides encoding flavivirus and alphavirus multivalent antigenic polypeptides
IN Punnonen, Juha, Palo Alto, CA, United States
Bass, Steven H., Hillsborough, CA, United States
Whalen, Robert Gerald, Paris, FRANCE
Howard, Russell, Los Altos Hills, CA, United States
Stemmer, Willem P. C., Los Gatos, CA, United States
PA Maxygen, Inc., Redwood City, CA, United States (U.S. corporation)
PI US 6576757 B1 20030610
AI US 2000-724852 20001128 (9)
RLI Continuation of Ser. No. US 1999-247890, filed on 10 Feb 1999
PRAI US 1998-105509P 19981023 (60)
US 1998-74294P 19980211 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Park, Hankyel T.; Assistant Examiner: Brown, Stacy S.
LREP Powers, Margaret A., Kruse, Norman J., Quine Intellectual Property Law Group, P.C.
CLMN Number of Claims: 54
ECL Exemplary Claim: 1
DRWN 27 Drawing Figure(s); 23 Drawing Page(s)
LN.CNT 6384
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 46 OF 70 USPATFULL on STN
AN 2003:142838 USPATFULL
TI Flavivirus and alphavirus recombinant antigen libraries
IN Punnonen, Juha, Palo Alto, CA, United States
Bass, Steven H., Hillsborough, CA, United States
Whalen, Robert Gerald, Paris, FRANCE
Howard, Russell, Los Altos Hills, CA, United States
Stemmer, Willem P. C., Los Gatos, CA, United States
PA Maxygen, Inc., Redwood City, CA, United States (U.S. corporation)
PI US 6569435 B1 20030527
AI US 2000-724969 20001128 (9)
RLI Continuation of Ser. No. US 1999-247890, filed on 10 Feb 1999
PRAI US 1998-105509P 19981023 (60)
US 1998-74294P 19980211 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Park, Hankyel T.; Assistant Examiner: Brown, Stacy S.
LREP Powers, Margaret A., Kruse, Norman J., Quine Intellectual Property Law
Group, P.C.
CLMN Number of Claims: 51
ECL Exemplary Claim: 1
DRWN 27 Drawing Figure(s); 23 Drawing Page(s)
LN.CNT 6559
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 47 OF 70 USPATFULL on STN
AN 2003:130010 USPATFULL
TI Nucleic acid and amino acid sequences relating to Acinetobacter
baumannii for diagnostics and therapeutics
IN Breton, Gary, Marlborough, MA, United States
Bush, David, Somerville, MA, United States
PA Genome Therapeutics Corporation, Waltham, MA, United States (U.S.
corporation)
PI US 6562958 B1 20030513
AI US 1999-328352 19990604 (9)
PRAI US 1998-88701P 19980609 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Borin, Michael
LREP Genome Therapeutics Corporation
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 16618
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 48 OF 70 USPATFULL on STN
AN 2003:120110 USPATFULL
TI Methods for gene disruption and uses thereof
IN Awrey, Donald, Mississauga, CANADA
Greenblatt, Jack, Toronto, CANADA
PI US 2003082591 A1 20030501
AI US 2002-202442 A1 20020724 (10)
PRAI US 2001-307461P 20010724 (60)
DT Utility
FS APPLICATION
LREP FOLEY HOAG, LLP, PATENT GROUP, WORLD TRADE CENTER WEST, 155 SEAPORT
BLVD, BOSTON, MA, 02110
CLMN Number of Claims: 30
ECL Exemplary Claim: 1
DRWN 1 Drawing Page(s)
LN.CNT 2230
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 49 OF 70 USPATFULL on STN
AN 2003:113075 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES

PI	US 2003077808	A1	20030424
AI	US 2001-764891	A1	20010117 (9)
PRAI	US 2000-179065P		20000131 (60)
	US 2000-180628P		20000204 (60)
	US 2000-214886P		20000628 (60)
	US 2000-217487P		20000711 (60)
	US 2000-225758P		20000814 (60)
	US 2000-220963P		20000726 (60)
	US 2000-217496P		20000711 (60)
	US 2000-225447P		20000814 (60)
	US 2000-218290P		20000714 (60)
	US 2000-225757P		20000814 (60)
	US 2000-226868P		20000822 (60)
	US 2000-216647P		20000707 (60)
	US 2000-225267P		20000814 (60)
	US 2000-216880P		20000707 (60)
	US 2000-225270P		20000814 (60)
	US 2000-251869P		20001208 (60)
	US 2000-235834P		20000927 (60)
	US 2000-234274P		20000921 (60)
	US 2000-234223P		20000921 (60)
	US 2000-228924P		20000830 (60)
	US 2000-224518P		20000814 (60)
	US 2000-236369P		20000929 (60)
	US 2000-224519P		20000814 (60)
	US 2000-220964P		20000726 (60)
	US 2000-241809P		20001020 (60)
	US 2000-249299P		20001117 (60)
	US 2000-236327P		20000929 (60)
	US 2000-241785P		20001020 (60)
	US 2000-244617P		20001101 (60)
	US 2000-225268P		20000814 (60)
	US 2000-236368P		20000929 (60)
	US 2000-251856P		20001208 (60)
	US 2000-251868P		20001208 (60)
	US 2000-229344P		20000901 (60)
	US 2000-234997P		20000925 (60)
	US 2000-229343P		20000901 (60)
	US 2000-229345P		20000901 (60)
	US 2000-229287P		20000901 (60)
	US 2000-229513P		20000905 (60)
	US 2000-231413P		20000908 (60)
	US 2000-229509P		20000905 (60)
	US 2000-236367P		20000929 (60)
	US 2000-237039P		20001002 (60)
	US 2000-237038P		20001002 (60)
	US 2000-236370P		20000929 (60)
	US 2000-236802P		20001002 (60)
	US 2000-237037P		20001002 (60)
	US 2000-237040P		20001002 (60)
	US 2000-240960P		20001020 (60)
	US 2000-239935P		20001013 (60)
	US 2000-239937P		20001013 (60)
	US 2000-241787P		20001020 (60)
	US 2000-246474P		20001108 (60)
	US 2000-246532P		20001108 (60)
	US 2000-249216P		20001117 (60)
	US 2000-249210P		20001117 (60)
	US 2000-226681P		20000822 (60)
	US 2000-225759P		20000814 (60)
	US 2000-225213P		20000814 (60)
	US 2000-227182P		20000822 (60)
	US 2000-225214P		20000814 (60)
	US 2000-235836P		20000927 (60)
	US 2000-230438P		20000906 (60)
	US 2000-215135P		20000630 (60)
	US 2000-225266P		20000814 (60)

US 2000-249218P	20001117 (60)
US 2000-249208P	20001117 (60)
US 2000-249213P	20001117 (60)
US 2000-249212P	20001117 (60)
US 2000-249207P	20001117 (60)
US 2000-249245P	20001117 (60)
US 2000-249244P	20001117 (60)
US 2000-249217P	20001117 (60)
US 2000-249211P	20001117 (60)
US 2000-249215P	20001117 (60)
US 2000-249264P	20001117 (60)
US 2000-249214P	20001117 (60)
US 2000-249297P	20001117 (60)
US 2000-232400P	20000914 (60)
US 2000-231242P	20000908 (60)
US 2000-232081P	20000908 (60)
US 2000-232080P	20000908 (60)
US 2000-231414P	20000908 (60)
US 2000-231244P	20000908 (60)
US 2000-233064P	20000914 (60)
US 2000-233063P	20000914 (60)
US 2000-232397P	20000914 (60)
US 2000-232399P	20000914 (60)
US 2000-232401P	20000914 (60)
US 2000-241808P	20001020 (60)
US 2000-241826P	20001020 (60)
US 2000-241786P	20001020 (60)
US 2000-241221P	20001020 (60)
US 2000-246475P	20001108 (60)
US 2000-231243P	20000908 (60)
US 2000-233065P	20000914 (60)
US 2000-232398P	20000914 (60)
US 2000-234998P	20000925 (60)
US 2000-246477P	20001108 (60)
US 2000-246528P	20001108 (60)
US 2000-246525P	20001108 (60)
US 2000-246476P	20001108 (60)
US 2000-246526P	20001108 (60)
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US 2000-246527P	20001108 (60)
US 2000-246523P	20001108 (60)
US 2000-246524P	20001108 (60)
US 2000-246478P	20001108 (60)
US 2000-246609P	20001108 (60)
US 2000-246613P	20001108 (60)
US 2000-249300P	20001117 (60)
US 2000-249265P	20001117 (60)
US 2000-246610P	20001108 (60)
US 2000-246611P	20001108 (60)
US 2000-230437P	20000906 (60)
US 2000-251990P	20001208 (60)
US 2000-251988P	20001205 (60)
US 2000-251030P	20001205 (60)
US 2000-251479P	20001206 (60)
US 2000-256719P	20001205 (60)
US 2000-250160P	20001201 (60)
US 2000-251989P	20001208 (60)
US 2000-250391P	20001201 (60)
US 2000-254097P	20001211 (60)
US 2000-231968P	20000912 (60)
US 2000-226279P	20000818 (60)
US 2000-186350P	20000302 (60)
US 2000-184664P	20000224 (60)
US 2000-189874P	20000316 (60)
US 2000-198123P	20000418 (60)
US 2000-227009P	20000823 (60)
US 2000-235484P	20000926 (60)
US 2000-190076P	20000317 (60)
US 2000-209467P	20000607 (60)

US 2000-205515P 20000519 (60)
US 2001-259678P 20010105 (60)
DT Utility
FS APPLICATION
LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 59131
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 50 OF 70 USPATFULL on STN
AN 2003:112870 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES
PA Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)
PI US 2003077602 A1 20030424
AI US 2002-73961 A1 20020214 (10)
RLI Continuation of Ser. No. US 2001-764887, filed on 17 Jan 2001, ABANDONED
PRAI US 2000-179065P 20000131 (60)
US 2000-180628P 20000204 (60)
US 2000-214886P 20000628 (60)
US 2000-217487P 20000711 (60)
US 2000-225758P 20000814 (60)
US 2000-220963P 20000726 (60)
US 2000-217496P 20000711 (60)
US 2000-225447P 20000814 (60)
US 2000-218290P 20000714 (60)
US 2000-225757P 20000814 (60)
US 2000-226868P 20000822 (60)
US 2000-216647P 20000707 (60)
US 2000-225267P 20000814 (60)
US 2000-216880P 20000707 (60)
US 2000-225270P 20000814 (60)
US 2000-251869P 20001208 (60)
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US 2000-239937P	20001013 (60)
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US 2000-249210P	20001117 (60)
US 2000-226681P	20000822 (60)
US 2000-225759P	20000814 (60)
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US 2000-227182P	20000822 (60)
US 2000-225214P	20000814 (60)
US 2000-235836P	20000927 (60)
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US 2000-232401P	20000914 (60)
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US 2000-246475P	20001108 (60)
US 2000-231243P	20000908 (60)
US 2000-233065P	20000914 (60)
US 2000-232398P	20000914 (60)
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US 2000-246477P	20001108 (60)
US 2000-246528P	20001108 (60)
US 2000-246525P	20001108 (60)
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US 2000-246478P	20001108 (60)
US 2000-246609P	20001108 (60)
US 2000-246613P	20001108 (60)
US 2000-249300P	20001117 (60)
US 2000-249265P	20001117 (60)
US 2000-246610P	20001108 (60)
US 2000-246611P	20001108 (60)
US 2000-230437P	20000906 (60)
US 2000-251990P	20001208 (60)
US 2000-251988P	20001205 (60)

US 2000-251030P 20001205 (60)
US 2000-251479P 20001206 (60)
US 2000-256719P 20001205 (60)
US 2000-250160P 20001201 (60)
US 2000-251989P 20001208 (60)
US 2000-250391P 20001201 (60)
US 2000-254097P 20001211 (60)
US 2000-231968P 20000912 (60)
US 2000-226279P 20000818 (60)
US 2000-186350P 20000302 (60)
US 2000-184664P 20000224 (60)
US 2000-189874P 20000316 (60)
US 2000-198123P 20000418 (60)
US 2000-227009P 20000823 (60)
US 2000-235484P 20000926 (60)
US 2000-190076P 20000317 (60)
US 2000-209467P 20000607 (60)
US 2000-205515P 20000519 (60)
US 2001-259678P 20010105 (60)

DT Utility
FS APPLICATION
LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 19799
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 51 OF 70 USPATFULL on STN
AN 2003:108972 USPATFULL
TI Nucleic acid and amino acid sequences relating to pseudomonas aeruginosa
for diagnostics and therapeutics
IN Rubenfield, Marc J., Framingham, MA, United States
Nolling, Jork, Quincy, MA, United States
Deloughery, Craig, Medford, MA, United States
Bush, David, Somerville, MA, United States
PA Genome Therapeutics Corporation, Waltham, MA, United States (U.S.
corporation)
PI US 6551795 B1 20030422
AI US 1999-252991 19990218 (9)
PRAI US 1998-74788P 19980218 (60)
US 1998-94190P 19980727 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Allen, Marianne P.
LREP Burns, Doane, Swecker & Mathis, L.L.P.
CLMN Number of Claims: 26
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 21431
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 52 OF 70 USPATFULL on STN
AN 2003:78516 USPATFULL
TI STAPHYLOCOCCUS AUREUS POLYNUCLEOTIDES AND SEQUENCES
IN KUNSCH, CHARLES A., GAITHERSBURG, MD, UNITED STATES
CHOI, GIL A., ROCKVILLE, MD, UNITED STATES
BARASH, STEVEN C., ROCKVILLE, MD, UNITED STATES
DILLON, PATRICK J., GAITHERSBURG, MD, UNITED STATES
FANNON, MICHAEL R., SILVER SPRING, MD, UNITED STATES
ROSEN, CRAIG A., LAYTONSVILLE, MD, UNITED STATES
PI US 2003054436 A1 20030320
US 6737248 B2 20040518
AI US 1997-781986 A1 19970103 (8)
PRAI US 1996-9861P 19960105 (60)
DT Utility
FS APPLICATION
LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850
CLMN Number of Claims: 29

ECL Exemplary Claim: 1
DRWN 2 Drawing Page(s)
LN.CNT 13414
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 53 OF 70 USPATFULL on STN
AN 2003:71519 USPATFULL
TI Corynebacterium glutamicum genes encoding metabolic pathway proteins
IN Pompejus, Markus, Freinsheim, GERMANY, FEDERAL REPUBLIC OF
Kroger, Burkhard, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
Schroder, Hartwig, Nussloch, GERMANY, FEDERAL REPUBLIC OF
Zelder, Oskar, Speyer, GERMANY, FEDERAL REPUBLIC OF
Haberhauer, Gregor, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
Kim, Jun-Won, Seoul, KOREA, REPUBLIC OF
Lee, Heung-Shick, Seoul, KOREA, REPUBLIC OF
Hwang, Byung-Joon, Seoul, KOREA, REPUBLIC OF
PI US 2003049804 A1 20030313
AI US 2000-746660 A1 20001222 (9)
RLI Continuation-in-part of Ser. No. US 2000-606740, filed on 23 Jun 2000,
PENDING Continuation-in-part of Ser. No. US 2000-603124, filed on 23 Jun
2000, PENDING
PRAI DE 1999-19931420 19990708
US 1999-141031P 19990625 (60)
US 1999-142101P 19990702 (60)
US 1999-148613P 19990812 (60)
US 2000-187970P 20000309 (60)
DT Utility
FS APPLICATION
LREP LAHIVE & COCKFIELD, 28 STATE STREET, BOSTON, MA, 02109
CLMN Number of Claims: 47
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 15004
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 54 OF 70 USPATFULL on STN
AN 2003:40533 USPATFULL
TI Methods for the inhibition of epstein-barr virus transmission employing
anti-viral peptides capable of abrogating viral fusion and transmission
IN Barney, Shawn O'Lin, Cary, NC, United States
Lambert, Dennis Michael, Cary, NC, United States
Petteway, Stephen Robert, Cary, NC, United States
PA Trimeris, Inc., Durham, NC, United States (U.S. corporation)
PI US 6518013 B1 20030211
AI US 1995-485546 19950607 (8)
RLI Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994,
now patented, Pat. No. US 6017536 Continuation-in-part of Ser. No. US
1994-255208, filed on 7 Jun 1994 Continuation-in-part of Ser. No. US
1993-73028, filed on 7 Jun 1993, now patented, Pat. No. US 5464933
DT Utility
FS GRANTED
EXNAM Primary Examiner: Scheiner, Laurie; Assistant Examiner: Parkin, Jeffrey
S.
LREP Pennie & Edmonds LLP, Nelson, M. Bud
CLMN Number of Claims: 22
ECL Exemplary Claim: 1
DRWN 84 Drawing Figure(s); 83 Drawing Page(s)
LN.CNT 24700
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 55 OF 70 USPATFULL on STN
AN 2002:344432 USPATFULL
TI ANTIGEN LIBRARY IMMUNIZATION
IN PUNNONEN, JUHA, PALO ALTO, CA, UNITED STATES
BASS, STEVEN H., HILLSBOROUGH, CA, UNITED STATES
WHALEN, ROBERT GERALD, PARIS, FRANCE
HOWARD, RUSSELL, LOS ALTOS HILLS, CA, UNITED STATES
STEMMER, WILLEM P. C., LOS GATOS, CA, UNITED STATES
PI US 2002198162 A1 20021226

US 6541011 B2 20030401
AI US 1999-247890 A1 19990210 (9)
PRAI US 1998-74294P 19980211 (60)
US 1998-105509P 19981023 (60)
DT Utility
FS APPLICATION
LREP MAXYGEN, INC., 515 GALVESTON DRIVE, RED WOOD CITY, CA, 94063
CLMN Number of Claims: 53
ECL Exemplary Claim: 1
DRWN 21 Drawing Page(s)
LN.CNT 5366
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 56 OF 70 USPATFULL on STN
AN 2002:343879 USPATFULL
TI Novel Polynucleotides
IN Nakagawa, Satoshi, Tokyo, JAPAN
Mizoguchi, Hiroshi, Tokyo, JAPAN
Ando, Seiko, Tokyo, JAPAN
Hayashi, Mikiro, Tokyo, JAPAN
Ochiai, Keiko, Tokyo, JAPAN
Yokoi, Haruhiko, Tokyo, JAPAN
Tateishi, Naoko, Tokyo, JAPAN
Senoh, Akihiro, Tokyo, JAPAN
Ikeda, Masato, Tokyo, JAPAN
Ozaki, Akio, Hofu-shi, JAPAN
PI US 2002197605 A1 20021226
AI US 2000-738626 A1 20001218 (9)
PRAI JP 1999-377484 19991216
JP 2000-159162 20000407
JP 2000-280988 20000803
DT Utility
FS APPLICATION
LREP NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Road, Arlington, VA,
22201
CLMN Number of Claims: 68
ECL Exemplary Claim: 1
DRWN 4 Drawing Page(s)
LN.CNT 13673
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 57 OF 70 USPATFULL on STN
AN 2002:323328 USPATFULL
TI Compositions and methods for the therapy and diagnosis of lung cancer
IN Lodes, Michael J., Seattle, WA, UNITED STATES
Mohamath, Raodoh, Seattle, WA, UNITED STATES
Henderson, Robert A., Edmonds, WA, UNITED STATES
Benson, Darin R., Seattle, WA, UNITED STATES
Secrist, Heather, Seattle, WA, UNITED STATES
PA Corixa Corporation, Seattle, WA (U.S. corporation)
PI US 2002183499 A1 20021205
US 6759508 B2 20040706
AI US 2001-854133 A1 20010511 (9)
RLI Continuation-in-part of Ser. No. US 2000-738973, filed on 14 Dec 2000,
PENDING Continuation-in-part of Ser. No. US 2000-704512, filed on 1 Nov
2000, PENDING Continuation-in-part of Ser. No. US 2000-667170, filed on
20 Sep 2000, PENDING Continuation-in-part of Ser. No. US 2000-640878,
filed on 18 Aug 2000, PENDING Continuation-in-part of Ser. No. US
2000-588937, filed on 5 Jun 2000, PENDING Continuation-in-part of Ser.
No. US 2000-538037, filed on 29 Mar 2000, ABANDONED Continuation-in-part
of Ser. No. US 2000-518809, filed on 3 Mar 2000, ABANDONED
Continuation-in-part of Ser. No. US 1999-476235, filed on 30 Dec 1999,
ABANDONED Continuation-in-part of Ser. No. US 1999-370838, filed on 9
Aug 1999, PENDING Continuation-in-part of Ser. No. US 1999-285323, filed
on 2 Apr 1999, ABANDONED
DT Utility
FS APPLICATION
LREP SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300,
SEATTLE, WA, 98104-7092

CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 5707
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 58 OF 70 USPATFULL on STN
AN 2002:297432 USPATFULL
TI Non-stochastic generation of genetic vaccines
IN Short, Jay M., Rancho Santa Fe, CA, United States
PA Diversa Corporation, San Diego, CA, United States (U.S. corporation)
PI US 6479258 B1 20021112
AI US 2000-495052 20000131 (9)
RLI Continuation-in-part of Ser. No. US 1999-276860, filed on 26 Mar 1999
Continuation-in-part of Ser. No. US 1999-246178, filed on 4 Feb 1999,
now patented, Pat. No. US 6171820 Continuation-in-part of Ser. No. US
1998-185373, filed on 3 Nov 1998 Continuation-in-part of Ser. No. US
1996-760489, filed on 5 Dec 1996, now patented, Pat. No. US 5830696
PRAI US 1995-8311P 19951207 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Park, Hankyel T.
LREP Gray Cary Ware & Freidenrich LLP, Haile, Lisa A.
CLMN Number of Claims: 86
ECL Exemplary Claim: 1
DRWN 66 Drawing Figure(s); 61 Drawing Page(s)
LN.CNT 19213
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 59 OF 70 USPATFULL on STN
AN 2002:297296 USPATFULL
TI Methods for inhibition of membrane fusion-associated events, including
respiratory syncytial virus transmission
IN Bolognesi, Dani Paul, Durham, NC, United States
Matthews, Thomas James, Durham, NC, United States
Wild, Carl T., Durham, NC, United States
Barney, Shawn O'Lin, Cary, NC, United States
Lambert, Dennis Michael, Cary, NC, United States
Petteway, Stephen Robert, Cary, NC, United States
Langlois, Alphonse J., Durham, NC, United States
PA Trimeris, Inc., Durham, NC, United States (U.S. corporation)
PI US 6479055 B1 20021112
AI US 1995-470896 19950606 (8)
RLI Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994,
now patented, Pat. No. US 6017536 Continuation-in-part of Ser. No. US
1994-255208, filed on 7 Jun 1994 Continuation-in-part of Ser. No. US
1993-73028, filed on 7 Jun 1993, now patented, Pat. No. US 5464933
DT Utility
FS GRANTED
EXNAM Primary Examiner: Stucker, Jeffrey
LREP Pennie & Edmonds LLP
CLMN Number of Claims: 44
ECL Exemplary Claim: 1
DRWN 84 Drawing Figure(s); 83 Drawing Page(s)
LN.CNT 26553
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 60 OF 70 USPATFULL on STN
AN 2002:266261 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES
PI US 2002147140 A1 20021010
AI US 2001-764877 A1 20010117 (9)
PRAI US 2000-179065P 20000131 (60)
US 2000-180628P 20000204 (60)
US 2000-214886P 20000628 (60)
US 2000-217487P 20000711 (60)

US 2000-225758P	20000814 (60)
US 2000-220963P	20000726 (60)
US 2000-217496P	20000711 (60)
US 2000-225447P	20000814 (60)
US 2000-218290P	20000714 (60)
US 2000-225757P	20000814 (60)
US 2000-226868P	20000822 (60)
US 2000-216647P	20000707 (60)
US 2000-225267P	20000814 (60)
US 2000-216880P	20000707 (60)
US 2000-225270P	20000814 (60)
US 2000-251869P	20001208 (60)
US 2000-235834P	20000927 (60)
US 2000-234274P	20000921 (60)
US 2000-234223P	20000921 (60)
US 2000-228924P	20000830 (60)
US 2000-224518P	20000814 (60)
US 2000-236369P	20000929 (60)
US 2000-224519P	20000814 (60)
US 2000-220964P	20000726 (60)
US 2000-241809P	20001020 (60)
US 2000-249299P	20001117 (60)
US 2000-236327P	20000929 (60)
US 2000-241785P	20001020 (60)
US 2000-244617P	20001101 (60)
US 2000-225268P	20000814 (60)
US 2000-236368P	20000929 (60)
US 2000-251856P	20001208 (60)
US 2000-251868P	20001208 (60)
US 2000-229344P	20000901 (60)
US 2000-234997P	20000925 (60)
US 2000-229343P	20000901 (60)
US 2000-229345P	20000901 (60)
US 2000-229287P	20000901 (60)
US 2000-229513P	20000905 (60)
US 2000-231413P	20000908 (60)
US 2000-229509P	20000905 (60)
US 2000-236367P	20000929 (60)
US 2000-237039P	20001002 (60)
US 2000-237038P	20001002 (60)
US 2000-236370P	20000929 (60)
US 2000-236802P	20001002 (60)
US 2000-237037P	20001002 (60)
US 2000-237040P	20001002 (60)
US 2000-240960P	20001020 (60)
US 2000-239935P	20001013 (60)

DT Utility

FS APPLICATION

LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850

CLMN Number of Claims: 24

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 33677

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 61 OF 70 USPATFULL on STN

AN 2002:258444 USPATFULL

TI Vaccine

IN Parish, Tanya, London, UNITED KINGDOM

Smith, Debbie, London, UNITED KINGDOM

PI US 2002142011 A1 20021003

AI US 2000-726397 A1 20001201 (9)

PRAI GB 2000-14845 20000616

DT Utility

FS APPLICATION

LREP NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Rd., Arlington, VA,
22201-4714

CLMN Number of Claims: 26

ECL Exemplary Claim: 1

DRWN 1 Drawing Page(s)
LN.CNT 1134

L7 ANSWER 62 OF 70 USPATFULL on STN
AN 2002:224422 USPATFULL
TI Compounds for therapy and diagnosis of lung cancer and methods for their use
IN Reed, Steven G., Bellevue, WA, United States
Lodes, Michael J., Seattle, WA, United States
Mohamath, Raodoh, Seattle, WA, United States
Secrist, Heather, Seattle, WA, United States
PA Corixa Corporation, Seattle, WA, United States (U.S. corporation)
PI US 6444425 B1 20020903
AI US 1999-370838 19990809 (9)
RLI Continuation-in-part of Ser. No. US 1999-285323, filed on 2 Apr 1999
DT Utility
FS GRANTED
EXNAM Primary Examiner: Martinell, James
LREP Seed Intellectual Property Law Group PLLC
CLMN Number of Claims: 6
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 7767
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 63 OF 70 USPATFULL on STN
AN 2002:221971 USPATFULL
TI ENTEROCOCCUS FAECALIS POLYNUCLEOTIDES AND POLYPEPTIDES
IN KUNSCH, CHARLES A., ATLANTA, GA, UNITED STATES
DILLON, PATRICK J., CARLSBAD, CA, UNITED STATES
BARASH, STEVEN, ROCKVILLE, MD, UNITED STATES
PI US 2002120116 A1 20020829
AI US 1998-70927 A1 19980504 (9)
DT Utility
FS APPLICATION
LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850
CLMN Number of Claims: 18
ECL Exemplary Claim: 1
DRWN 2 Drawing Page(s)
LN.CNT 13315
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 64 OF 70 USPATFULL on STN
AN 2002:205876 USPATFULL
TI Compositions and methods for the therapy and diagnosis of lung cancer
IN Reed, Steven G., Bellevue, WA, UNITED STATES
Lodes, Michael J., Seattle, WA, UNITED STATES
Mohamath, Raodoh, Seattle, WA, UNITED STATES
Secrist, Heather, Seattle, WA, UNITED STATES
Benson, Darin R., Seattle, WA, UNITED STATES
Indirias, Carol Yoseph, Seattle, WA, UNITED STATES
Henderson, Robert A., Edmonds, WA, UNITED STATES
Fling, Steven P., Bainbridge Island, WA, UNITED STATES
Algate, Paul A., Issaquah, WA, UNITED STATES
Elliott, Mark, Seattle, WA, UNITED STATES
Mannion, Jane, Edmonds, WA, UNITED STATES
Kalos, Michael D., Seattle, WA, UNITED STATES
PI US 2002110563 A1 20020815
AI US 2000-738973 A1 20001214 (9)
RLI Continuation-in-part of Ser. No. US 2000-704512, filed on 1 Nov 2000,
PENDING
DT Utility
FS APPLICATION
LREP SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300,
SEATTLE, WA, 98104-7092
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 5236

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 65 OF 70 USPATFULL on STN
AN 2002:171924 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES
PI US 2002090673 A1 20020711
AI US 2001-764898 A1 20010117 (9)
PRAI US 2000-179065P 20000131 (60)
US 2000-180628P 20000204 (60)
US 2000-214886P 20000628 (60)
US 2000-217487P 20000711 (60)
US 2000-225758P 20000814 (60)
US 2000-220963P 20000726 (60)
US 2000-217496P 20000711 (60)
US 2000-225447P 20000814 (60)
US 2000-218290P 20000714 (60)
US 2000-225757P 20000814 (60)
US 2000-226868P 20000822 (60)
US 2000-216647P 20000707 (60)
US 2000-225267P 20000814 (60)
US 2000-216880P 20000707 (60)
US 2000-225270P 20000814 (60)
US 2000-251869P 20001208 (60)
US 2000-235834P 20000927 (60)
US 2000-234274P 20000921 (60)
US 2000-234223P 20000921 (60)
US 2000-228924P 20000830 (60)
US 2000-224518P 20000814 (60)
US 2000-236369P 20000929 (60)
US 2000-224519P 20000814 (60)
US 2000-220964P 20000726 (60)
US 2000-241809P 20001020 (60)
US 2000-249299P 20001117 (60)
US 2000-236327P 20000929 (60)
US 2000-241785P 20001020 (60)
US 2000-244617P 20001101 (60)
US 2000-225268P 20000814 (60)
US 2000-236368P 20000929 (60)
US 2000-251856P 20001208 (60)
US 2000-251868P 20001208 (60)
US 2000-229344P 20000901 (60)
US 2000-234997P 20000925 (60)
US 2000-229343P 20000901 (60)
US 2000-229345P 20000901 (60)
US 2000-229287P 20000901 (60)
US 2000-229513P 20000905 (60)
US 2000-231413P 20000908 (60)
US 2000-229509P 20000905 (60)
US 2000-236367P 20000929 (60)
US 2000-237039P 20001002 (60)
US 2000-237038P 20001002 (60)
US 2000-236370P 20000929 (60)
US 2000-236802P 20001002 (60)
US 2000-237037P 20001002 (60)
US 2000-237040P 20001002 (60)
US 2000-240960P 20001020 (60)
US 2000-239935P 20001013 (60)
DT Utility
FS APPLICATION
LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 25258
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 66 OF 70 USPATFULL on STN
AN 2002:113910 USPATFULL
TI DNA shuffling to produce herbicide selective crops
IN Stemmer, Willem P.C., Los Gatos, CA, UNITED STATES
PA Maxygen, Inc., Redwood City, CA (U.S. corporation)
PI US 2002059659 A1 20020516
AI US 2001-32647 A1 20011029 (10)
RLI Continuation-in-part of Ser. No. US 1999-373333, filed on 12 Aug 1999,
PENDING
PRAI US 1998-112746P 19981217 (60)
US 1998-111146P 19981207 (60)
US 1998-96288P 19980812 (60)
DT Utility
FS APPLICATION
LREP MAXYGEN, INC., 515 GALVESTON DRIVE, RED WOOD CITY, CA, 94063
CLMN Number of Claims: 23
ECL Exemplary Claim: 1
DRWN 1 Drawing Page(s)
LN.CNT 2816
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 67 OF 70 USPATFULL on STN
AN 2002:112515 USPATFULL
TI DNA SHUFFLING TO PRODUCE HERBICIDE SELECTIVE CROPS
IN SUBRAMANIAN, VENKITESWARAN, SAN DIEGO, CA, UNITED STATES
STEMMER, WILLEM P.C., LOS GATOS, CA, UNITED STATES
CASTLE, LINDA A., MOUNTAIN VIEW, CA, UNITED STATES
MUCHHAL, UMESH S., MOUNTAIN VIEW, CA, UNITED STATES
SIEHL, DANIEL L., MENLO PARK, CA, UNITED STATES
PI US 2002058249 A1 20020516
AI US 1999-373333 A1 19990812 (9)
PRAI US 1998-112746P 19981217 (60)
US 1998-111146P 19981207 (60)
US 1998-96288P 19980812 (60)
DT Utility
FS APPLICATION
LREP MAXYGEN, INC., 515 GALVESTON DRIVE, RED WOOD CITY, CA, 94063
CLMN Number of Claims: 60
ECL Exemplary Claim: 1
DRWN 1 Drawing Page(s)
LN.CNT 3102
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 68 OF 70 USPATFULL on STN
AN 2002:78442 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES
PI US 2002042096 A1 20020411
AI US 2001-764887 A1 20010117 (9)
PRAI US 2000-179065P 20000131 (60)
US 2000-180628P 20000204 (60)
US 2000-214886P 20000628 (60)
US 2000-217487P 20000711 (60)
US 2000-225758P 20000814 (60)
US 2000-220963P 20000726 (60)
US 2000-217496P 20000711 (60)
US 2000-225447P 20000814 (60)
US 2000-218290P 20000714 (60)
US 2000-225757P 20000814 (60)
US 2000-226868P 20000822 (60)
US 2000-216647P 20000707 (60)
US 2000-225267P 20000814 (60)
US 2000-216880P 20000707 (60)
US 2000-225270P 20000814 (60)
US 2000-251869P 20001208 (60)
US 2000-235834P 20000927 (60)
US 2000-234274P 20000921 (60)

US 2000-234223P	20000921 (60)
US 2000-228924P	20000830 (60)
US 2000-224518P	20000814 (60)
US 2000-236369P	20000929 (60)
US 2000-224519P	20000814 (60)
US 2000-220964P	20000726 (60)
US 2000-241809P	20001020 (60)
US 2000-249299P	20001117 (60)
US 2000-236327P	20000929 (60)
US 2000-241785P	20001020 (60)
US 2000-244617P	20001101 (60)
US 2000-225268P	20000814 (60)
US 2000-236368P	20000929 (60)
US 2000-251856P	20001208 (60)
US 2000-251868P	20001208 (60)
US 2000-229344P	20000901 (60)
US 2000-234997P	20000925 (60)
US 2000-229343P	20000901 (60)
US 2000-229345P	20000901 (60)
US 2000-229287P	20000901 (60)
US 2000-229513P	20000905 (60)
US 2000-231413P	20000908 (60)
US 2000-229509P	20000905 (60)
US 2000-236367P	20000929 (60)
US 2000-237039P	20001002 (60)
US 2000-237038P	20001002 (60)
US 2000-236370P	20000929 (60)
US 2000-236802P	20001002 (60)
US 2000-237037P	20001002 (60)
US 2000-237040P	20001002 (60)
US 2000-240960P	20001020 (60)
US 2000-239935P	20001013 (60)

DT Utility
FS APPLICATION
LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 19583
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 69 OF 70 USPATFULL on STN
AN 2002:55159 USPATFULL
TI STREPTOCOCCUS PNEUMONIAE POLYNUCLEOTIDES AND SEQUENCES
IN KUNSCH, CHARLES A., GAITHERSBURG, MD, UNITED STATES
CHOI, GIL H., ROCKVILLE, MD, UNITED STATES
DILLON, PATRICK J., CARLSBAD, CA, UNITED STATES
ROSEN, CRAIG A., LAYTONSVILLE, MD, UNITED STATES
BARASH, STEVEN C., ROCKVILLE, MD, UNITED STATES
FANNON, MICHAEL R., SILVER SPRING, MD, UNITED STATES
DOUGHERTY, BRIAN A., MT. AIRY, MD, UNITED STATES
PI US 2002032323 A1 20020314
US 6420135 B2 20020716
AI US 1997-961527 A1 19971030 (8)
PRAI US 1996-29960P 19961031 (60)
DT Utility
FS APPLICATION
LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850
CLMN Number of Claims: 20
ECL Exemplary Claim: 1
DRWN 2 Drawing Page(s)
LN.CNT 7752
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 70 OF 70 USPATFULL on STN
AN 2001:67794 USPATFULL
TI Human respiratory syncytial virus peptides with antifusogenic and
antiviral activities
IN Barney, Shawn O'Lin, Cary, NC, United States

Lambert, Dennis Michael, Cary, NC, United States
Petteway, Stephen Robert, Cary, NC, United States
PA Trimeris, Inc., Durham, NC, United States (U.S. corporation)
PI US 6228983 B1 20010508
AI US 1995-485264 19950607 (8)
RLI Division of Ser. No. US 1995-470896, filed on 6 Jun 1995
Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994
Continuation-in-part of Ser. No. US 1994-255208, filed on 7 Jun 1994
Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993, now
patented, Pat. No. US 5464933
DT Utility
FS Granted
EXNAM Primary Examiner: Scheiner, Laurie; Assistant Examiner: Parkin, Jeffrey
S.
LREP Pennie & Edmonds LLP
CLMN Number of Claims: 62
ECL Exemplary Claim: 1
DRWN 84 Drawing Figure(s); 83 Drawing Page(s)
LN.CNT 32166
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s l6 and rv3908

L8 5 L6 AND RV3908

=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 5 DUP REM L8 (0 DUPLICATES REMOVED)

=> d bib ab 1-

YOU HAVE REQUESTED DATA FROM 5 ANSWERS - CONTINUE? Y/(N):y

L9 ANSWER 1 OF 5 USPATFULL on STN

AN 2005:30785 USPATFULL

TI Compositions and methods for detecting multidrug resistant strains of M. tuberculosis having mutations in genes of the mutT family

IN Gicquel, Brigitte, Paris, FRANCE

PI US 2005026216 A1 20050203

AI US 2004-777131 A1 20040213 (10)

RLI Continuation of Ser. No. WO 2002-EP9679, filed on 14 Aug 2002, UNKNOWN

PRAI US 2001-311824P 20010814 (60)

US 2001-313523P 20010821 (60)

DT Utility

FS APPLICATION

LREP Finnegan, Henderson, Farabow,, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC, 20005-3315

CLMN Number of Claims: 45

ECL Exemplary Claim: 1

DRWN 15 Drawing Page(s)

LN.CNT 1775

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention pertains to polynucleotides derived from M. tuberculosis genes imparting resistance to antibiotics and chemically related compounds. This invention also relates to the use of the polynucleotides as oligonucleotide primers or probes for detecting M. tuberculosis strains that are resistant to antibiotics and related compounds in a biological sample. Kits containing the primers and probes are also provided.

L9 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:154632 CAPLUS

DN 138:203088

TI Compositions and methods for detecting multidrug resistant strains of M. tuberculosis having mutations in genes of the mutT family

IN Gicquel, Brigitte

PA Institut Pasteur, Fr.

SO PCT Int. Appl., 83 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003016562	A2	20030227	WO 2002-EP9679	20020814
	WO 2003016562	A3	20040129		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003129619	A1	20030710	US 2002-216817	20020813
	EP 1417348	A2	20040512	EP 2002-772233	20020814
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,			

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK

US 2005026216 A1 20050203 US 2004-777131 20040213

PRAI US 2001-311824P P 20010814

US 2001-313523P P 20010821

WO 2002-EP9679 W 20020814

AB The present invention pertains to polynucleotides derived from M. **tuberculosis** genes imparting resistance to antibiotics and chemical related compds. This invention also relates to the use of the polynucleotides as oligonucleotide primers or probes for detecting M. **tuberculosis** strains that are resistant to antibiotics and related compds. in a biol. sample. Accordingly, this invention provides a method for predicting the epidemic character of a Mycobacterium **tuberculosis** isolate and/or the acquisition of multiple drug resistance (MDR) by the isolate, wherein the method comprises detecting an alteration in the DNA repair system of the isolate. In one embodiment the isolate contains a mutation in one or more **mutT** locus, and in particular a mutation at one or more **mutT** family member selected from the **Rv3908** locus, the **mutT2** locus, and the **ogt** locus. In another embodiment, the isolate consists essentially of a Beijing Mycobacterium **tuberculosis** strain. In further embodiments any of the above isolates can also contain a mutation in at least one locus selected from the group consisting of **rpoB**, **rrs**, or **rpsL**. To further investigate the correlation between mutations in **mutT** loci and the epidemic character of M. **tuberculosis** isolates, **mut** genes in 170 M. **tuberculosis** complex isolates from 38 different countries, including strains responsible for **tuberculosis** outbreaks, in particular, Beijing isolates, were analyzed. In addition, M. **tuberculosis** sequences similar to **alkA** and **ogt** sequence of E coli were also investigated. Kits containing the primers and probes are also provided.

L9 ANSWER 3 OF 5 USPATFULL on STN

AN 2003:187829 USPATFULL

TI Compositions and methods for detecting multidrug resistant strains of M. **tuberculosis** having mutations in genes of the **mutT** family

IN Gicquel, Brigitte, Paris, FRANCE

PI US 2003129619 A1 20030710

AI US 2002-216817 A1 20020813 (10)

PRAI US 2001-311824P 20010814 (60)

US 2001-313523P 20010821 (60)

DT Utility

FS APPLICATION

LREP FINNEGAN, HENDERSON, FARABOW, GARRETT &, DUNNER LLP, 1300 I STREET, NW, WASHINGTON, DC, 20006

CLMN Number of Claims: 45

ECL Exemplary Claim: 1

DRWN 15 Drawing Page(s)

LN.CNT 1349

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention pertains to polynucleotides derived from M. **tuberculosis** genes imparting resistance to antibiotics and chemically related compounds. This invention also relates to the use of the polynucleotides as oligonucleotide primers or probes for detecting M. **tuberculosis** strains that are resistant to antibiotics and related compounds in a biological sample. Kits containing the primers and probes are also provided.

L9 ANSWER 4 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

AN 2003:427031 BIOSIS

DN PREV200300427031

TI Mutations in putative mutator genes of Mycobacterium **tuberculosis** strains of the W-Beijing family.

AU Rad, Mina Ebrahimi; Bifani, Pablo; Martin, Carlos; Kremer, Kristin; Samper, Sofia; Rauzier, Jean; Kreiswirth, Barry; Blazquez, Jesus; Jouan, Marc; Van Soolingen, Dick; Gicquel, Brigitte [Reprint Author]

CS Unite de Genetique Mycobacterienne, Institut Pasteur, 28 rue du Dr. Roux, 75015, Paris, France
bgicquel@pasteur.fr

SO Emerging Infectious Diseases, (July 2003) Vol. 9, No. 7, pp. 838-845.
print.

ISSN: 1080-6040.

DT Article

LA English

ED Entered STN: 17 Sep 2003

Last Updated on STN: 17 Sep 2003

AB Alterations in genes involved in the repair of DNA mutations (mut genes) result in an increased mutation frequency and better adaptability of the bacterium to stressful conditions. W-Beijing genotype strains displayed unique missense alterations in three putative mut genes, including two of the mutT type (Rv3908 and mutT2) and ogt. These polymorphisms were found to be characteristic and unique to W-Beijing phylogenetic lineage. Analysis of the mut genes in 55 representative W-Beijing isolates suggests a sequential acquisition of the mutations, elucidating a plausible pathway of the molecular evolution of this clonal family. The acquisition of mut genes may explain in part the ability of the isolates of W-Beijing type to rapidly adapt to their environment.

L9 ANSWER 5 OF 5 USPATFULL on STN

AN 2002:343879 USPATFULL

TI Novel Polynucleotides

IN Nakagawa, Satoshi, Tokyo, JAPAN

Mizoguchi, Hiroshi, Tokyo, JAPAN

Ando, Seiko, Tokyo, JAPAN

Hayashi, Mikiro, Tokyo, JAPAN

Ochiai, Keiko, Tokyo, JAPAN

Yokoi, Haruhiko, Tokyo, JAPAN

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DT Utility

FS APPLICATION

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DRWN 4 Drawing Page(s)

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel polynucleotides derived from microorganisms belonging to coryneform bacteria and fragments thereof, polypeptides encoded by the polynucleotides and fragments thereof, polynucleotide arrays comprising the polynucleotides and fragments thereof, recording media in which the nucleotide sequences of the polynucleotide and fragments thereof have been recorded which are readable in a computer, and use of them.